A recommendation for off-site text encoding

Perry Trolard, for the TEI Consortium  Version 1.1 — September 2011
1 Introduction

TEI Tite is a constrained customization of TEI designed for use when outsourcing production of TEI documents to vendors, who use some combination of OCR and keyboarding to produce encoded text. While the canonical version of Tite is maintained by the TEI Council, a derived version is used in the AccessTEI program.

TEI Tite is meant to express a transitional format for documents, not an archival one. A project outsourcing encoding of documents using Tite should convert Tite documents created by vendors into a more suitable format for long-term preservation, such as one of the encoding levels of Best Practices for TEI in Libraries or a project-specific TEI customization.

While Tite includes only a limited set of all of the elements in TEI, it should not be confused with TEI Lite, which also contains a subset of elements. What distinguishes Tite from other TEI customizations is that Tite is meant to prescribe exactly one way of encoding a particular feature of a document in as many cases as possible, ensuring that any two encoders would produce the same XML document for a source document.

This document specifies how a source document should be encoded using TEI Tite. Its organizing model is roughly the structure of a TEI document itself, and it proceeds from high-level features to low, starting with general requirements, text structure, directions on when to group texts, considerations about type of text (genre and format), continuing down to instructions on marking phrase-level features, reference systems, and so forth. In its original ODD (one document does-it-all) format, this document can generate everything necessary for working in TEI Tite: both documentation (this Tite-specific prose as well as the full technical documentation for each of its elements) and schemas in either W3C Schema, RELAX NG, or XML DTD. Software utilities, including the Roma web tool, can generate these.

Tite uses a subset of the TEI’s elements, except for a few shortcut elements for the convenience of use by vendors (<b>, <i>, <ul>, <sup>, <sub>, <smcap>, <colShift> and <ornament>) which can be transformed to normal TEI elements. Tite is also not a TEI-conformant customization since it breaks the TEI Abstract Model by omitting <teiHeader> for encoder convenience. That is, Tite was created primarily by removing elements and attributes from the TEI, and not from extensive modification. As a TEI customization, Tite inherits TEI semantics, and ambiguity in this specification should be resolved with reference to the TEI Guidelines. What makes Tite distinct is that where the TEI in general is famously tolerant of multiple methods of encoding a given feature, Tite seeks uniformity of encoding through constraint, via its stripped-down tag set and via this specification.

Tite can be used to encode printed prose, poetry, drama, newspapers, and anything else which can be described with the basic TEI building-blocks of divisions, paragraphs, line groups, and speeches.

In this documentation, document refers generally to the item (book, pamphlet, newspaper, etc.) to be encoded and text to either linguistic (as opposed to graphic) material or a logically distinct literary unit.

2 General Requirements

2.1 What to Capture

All printed material should be captured: all text (that is, printed characters) should be transcribed and the presence of graphical items or other non-transcribable elements should be indicated with markup.

2.2 End-of-line Hyphens

A distinction should be maintained in the electronic transcription between end-of-line or soft hyphens (an artifact of page layout) and hard hyphens (a linguistic feature). The former should be transcribed as the SOFT HYPHEN (U+00AD) character; the latter, as the HYPHEN-
MINUS (U+002D) character generally available on Western keyboards. In the rare case of coincidence of the two types — where a word that is normally hyphenated is split across a line break at its hyphen — the hyphen should be considered hard, and transcribed as the HYPHEN-MINUS.

2.3 Character Encoding
Characters should be encoded in UTF-8. For characters not easily input from the keyboard, use hexadecimal numeric entities (e.g. é, the small latin e with acute accent, is represented as &\#x00E9;).

2.4 Accuracy and Verification
The standard for accuracy of transcription should be at least 99.99% (1 error in 10,000 characters). The sample size for verification will be 5% of the total text.

2.5 Documenting the Encoding Process
Almost surely, difficult encoding situations will arise whose resolution may not be covered by this documentation or the TEI Guidelines. In such cases, it is important to document the markup choices that are made. To this end each encoded file should be accompanied by a document with such notes. These notes should reference features of a document that seem remarkable to encoders and how these were handled by encoders.

3 Global Text Structure
3.1 TEI Tite text structure
In TEI Tite, <text> is the root element, containing front matter, the body of the text, and back matter.

```
<text xml:id="unique-identifier">
 <front>
 </front>
<!-- front matter -->
 <body>
 </body>
<!-- body of text -->
 <back>
 </back>
<!-- back matter -->
</text>
```

The `<text>`'s xml:id attribute should contain a unique identifier for the document being encoded.

Tite omits the `<teiHeader>` element as a convenience to transcribers. This departs from normal TEI practice, which requires <TEI> as the root element, containing <teiHeader> and <text> elements. In order to bring a document encoded in TEI Tite into adherence with the TEI Abstract Model, projects should add a teiHeader before engaging in post-transcription processing.

3.2 Groups of Texts
A document should be encoded as a group of texts only when each member of the group contains its own front or back matter (most often, a separate title page). In this case the `<group>` element should be a child of the `<text>` element, and should contain child `<text>` elements each containing a `<front>`, `<body>`, and `<back>` (each `<text>` need not have both front and back matter, but should have at least one). Note that this group of texts will still
have its own front and back matter. When dealing with a group of texts, the basic TEI text structure is modified to look like:

```xml
<text>
  <front>
  <!-- front matter for the group -->
  </front>
  <group>
    <text>
      <front>
      <!-- front matter of first text -->
      </front>
      <body>
      <!-- body of first text -->
      </body>
      <back>
      <!-- back matter of first text -->
      </back>
      </text>
    <text>
      <front>
      <!-- front matter of second text -->
      </front>
      <body>
      <!-- body of second text -->
      </body>
      <back>
      <!-- back matter of second text -->
      </back>
      </text>
  </group>
  <!-- more texts or groups of texts here -->
</text>
```

In cases where a document appears to contain a group of texts but the above condition is not met, encode each unit as a (numbered) `<div>` with an appropriate `type` attribute.

### 3.3 Structural Divisions

Tite uses numbered divisions: `<div1>` through `<div7>`, which stand for levels of nesting within a text. `<div1>`s nest inside or are contained by the `<front>`, `<body>`, and `<back>` elements, `<div2>`s nest inside or are contained by `<div1>`s, etc. The document’s table of contents is often a good place to find cues about where structural divisions start and end; other cues can be blank pages, recurring typographical or ornamental features, or a numbering system (“Chapter 5” etc.). Also, the presence of a heading will often indicate the beginning of a division.

The `type` attribute should be used to express the type of division being marked. Where present, use a name for division type given in the document itself. Though any constrained enumerated list of `type` values will have to be determined on a job-by-job basis, some examples of appropriate division types are:

- act
- article
- book
- chapter
• essay
• letter
• part
• scene
• section
• subsection

When a heading is present, encode it with the `<head>` element. If there is more than one heading at the beginning of a given division, encode each heading with its own `<head>` element, using the `type` attribute to distinguish them. Appropriate values are:

• main
• sub (subtitle)
• alt (alternate)
• desc (descriptive)

The `n` attribute should be used to record sequential labels associated with a structural division (numbers, numerals, letters). When present, these labels should also be transcribed within the content of `<head>` element. For instance:

```xml
<div1 n="III" type="part">
  <head>III: It Awakes</head>
</div1>
```

### 3.3.1 False Indicators

A divisional title is a page that resembles a half-title page: it displays the title or heading of a major structural unit on an otherwise blank page. Divisional titles should be encoded not with a separate `<div>` element, but as a `<head>` within the appropriate `<div>` element. For half-title pages and similar fly-title pages see the section on Front Matter.

Another potential false indication of a new structural division is an ornament used as an informal division: a printer’s ornament of some sort, a string of asterisks or periods, or a horizontal line. Mark these with the special `<ornament>` element. If the ornament is a horizontal line or printer’s device or otherwise not transcribable, make the element empty and include an appropriate `type` attribute (line or ornament); if the ornament is made up of characters, transcribe the characters into the `<ornament>`’s content.

### 3.4 Front and Back Matter

Front and back matter should be encoded with the `<front>` and `<back>` elements, respectively. `<div1>` elements should contain the major sections and should be characterized by `type` attribute values. The exception, however, is the title page, which should be encoded with the `<titlePage>` element and its children. The `<titlePart>` element should have a `type` attribute with one of the following values:

• main
• sub (subtitle)
• desc (descriptive title)
• alt (alternate title)
• volume (volume information)

<titlePart type="volume"/> should be used to encode volume information wherever it is found on the title page, even if it is separated from the other title information. The elements that make up the <titlePage> content model are: <graphic>, <byline>, <epigraph>, <docTitle>, <titlePart>, <docAuthor>, <docEdition>, <docImprint>, <docDate>, <figure>, <ornament>.

Information on the verso of the title page should be included as well (after a <pb>).

Common items to encode in front and back matter – and therefore common type attribute values for <front> and <back> divisions are:

**front**
• acknowledgements
• advertisement
• castlist
• contents
• dedication
• fly-title
• foreword
• introduction
• preface

**back**
• appendix
• bibliography
• colophon
• glossary
• index

Half-title and fly-title pages may be encountered in the front matter. A half-title page precedes the title page proper and sometimes includes volume or series information; a fly-title page comes at the very end of the front matter, just before the body. In the case of half-titles, encode these as <div1 type="half-title"> (with <titlePart> elements as appropriate); in the case of fly-titles, encode them likewise with <div1 type="fly-title">, making sure to make the fly-title division the last part of the front matter (and not the first part of the body, as may seem reasonable as well).

4 Types of Text
Tite is equipped to support basic encoding of several types of text: in terms of genre, it supports prose, verse, and drama, and in terms of format, it supports books, newspapers, pamphlets, and other similar printed material. Tite has special elements for letters, verse, drama, and newspapers.
4 TYPES OF TEXT

4.1 Letters
<opener> and <closer> are elements designed to encode the beginning and ending sections of letters, prefaces, diary entries, or other personal types of writing. Both elements contain:

- <dateline>: for recording time and place of composition; use <date> with when value (in W3C format as in the TEI Guidelines) to record date information
- <signed>: for recording a signature
- <salute>: for recording salutation at the beginning ("Dear Roger," ) or end ("Yours truly, ")

<opener> contains the additional elements <epigraph>, <argument>, and <byline>. <epigraph> will often be useful in the context of a letter. When encoding an epigraph, make sure to encode the content as you would any other feature, marking line groups, bibliographical elements, etc.

<argument> and <byline>, however, are not intended specifically for use with letters:

- <argument>: for a summary that precedes a division
- <byline>: for a statement of responsibility for the document

4.2 Verse
All verse should be encoded within at least one <lg> element, even when there are no distinct stanzas or when the verse is interspersed with prose. If it is known, use the type attribute to express the type of line group. Sometimes within a poem there is a question about what should be tagged as a <lg> or as a separate <div>. As a rough rule of thumb, if there is a title accompanying the division, use the <div> element; otherwise, use <lg>.

Each line of verse should be encoded with the <l> element, and care should be taken to distinguish these logical lines of verse from lines motivated by page layout. The latter should be encoded as <lb>s. Thus

AS virtuous men pass mildly away, And whisper to their souls to go, Whilst some of their sad friends do say, "Now his breath goes," and some say, "No."

should be encoded as

<lg type="stanz">  
<l>AS virtuous men pass mildly away</l>, And whisper to their souls to go,</l>  
<l>Whilst some of their sad friends do say</l>, "Now his breath goes," and some say, "No."
</lg>

Also, as in the example above, use the rend attribute to mark when a line is indented more than its siblings. Use numbered indent values (e.g. indent(1), indent(2), etc.) to make clear levels of indentation.

4.3 Drama
The standard TEI elements for drama should be used: <sp>, <stage>, <speaker>. If the who attribute is used on <sp>, also transcribe who is given as the speaker, in whatever form it is written, in the <speaker> element. Short pieces of stage direction that accompany the speaker designation may be included in the <speaker> element.

Scenes and acts should be encoded as appropriately nested <div> elements with type attributes of scene or act, respectively. Cast lists can likewise be encoded using <div> and type="castlist".

Prologues and epilogues can be treated as <sp>s of their own, unless their structure would be better represented by nested <div> elements.
4.4 Newspapers
Tite includes the elements `<colShift>` and `<cb>` which are well suited for the multi-column layout of newspapers. Additional relevant elements are: `<ref>`, to encode a pointer to the continuation of a story in a different column or on a different page; and `<figure>`, to describe illustrations, advertisements, and cartoons.

5 Block-level Features
5.1 Block Quotations
Use the `<q>` element to encode block quotations. A block quotation is indicated by its being set off from surrounding text either with extra line-spacing or margins or with a different typeface. If the quotation is of an entire text, use the `<floatingText>` element and its children inside the `<q>` element:

```xml
<div1 type="intro">
  <p>
    <!-- ... -->
  </p>
  <q>
    <floatingText>
      <body>
        <lg type="poem">
          <!-- poem -->
        </lg>
      </body>
    </floatingText>
    <p>
      <!-- ... -->
    </p>
  </q>
</div1>
```

If present, transcribe all quotation marks or other delimiters inside the `<q>` element.

5.2 Figures
Use the `<figure>` element to encode figures. If a figure has a heading or caption, encode it with the `<head>` element. If there is associated text, simply use a `<p>` to encode it.

5.3 Tables and Lists
Tables and lists are encoded as in the TEI Guidelines, but note the following.

If a cell in a table is a heading or a label, set the `role` attribute to `label`; if the cell contains data, there is no need to use `role`: data is the default. If a cell or row spans more than one column or row, use the `rows` or `cols` attributes set to the number of columns or rows that it spans.

If unsure about whether a structure is best encoded as a list or table, record it as a table only if it would not be properly understood without tabular layout.

Lists should be encoded as either sequences of `<items>` or `<label> - <item>` pairs. When items in the list contain a label, as in a gloss list, be sure to use the latter form.

5.4 Notes
Both the reference to the note in the running text and the note itself must be encoded. Use `<ptr>` or `<ref>` to encode the reference. If there is no reference in the text (often the case for marginal notes), supply a `<ptr>` element in a reasonable place in the text running beside the note. If there is a reference (number, symbol, etc.), use the `<ref>` element and include the
reference text as the content. In both cases, a target attribute must be supplied which contains the xml:id value of the associated <note> element.

When encoding the note itself with the <note> element, the xml:id and place attributes must be supplied. See the TEI documentation for acceptable values for place; the most common will be foot, end, margin-left (-right, -top, -bot).

Transcribe the note directly after it is referenced in the document. In the case of notes without explicit reference (pointed to with <ptr>), set the anchored attribute to false.

5.5 divWrapper Elements
Elements that can appear at the beginning and end of structural divisions, such as <argument>, <epigraph>, and <opener>, are called divWrapper elements in the TEI class system. An argument is a summary of what is to come; be sure to distinguish this from a heading, which is a title for the division. If an epigraph comes with bibliographic or simple citation material, encode this as well. For example:

```xml
<epigraph>
  <cit>
    <q>"I have sworn upon the altar of God eternal hostility against every form of tyranny over the mind of man."</q>
    <bibl>
      <author>Thomas Jefferson.</author>
    </bibl>
  </cit>
</epigraph>
```

5.6 Uncertain Blocks
In rare cases where the logical identity of a block-level element is hard to discern, use the TEI element <ab> (anonymous block) instead of applying a <p> or <div> element. In these cases, be sure to document this decision in accompanying notes. Applying this element should be viewed as a last resort.

The <gap> element should be used when for some reason the document being transcribed contains illegible text (smudged, torn, missing, etc.) or something outside the scope of transcription for a given project: characters in an unsupported character set, for instance. <gap> indicates that something is omitted. When using <gap>, set the reason attribute to an appropriate value. (See <unclear> below.)

6 Phrase-level Features
6.1 Typographical Changes
There are six elements in Tite that capture specific typographical features:

- for bold-face glyphs
- for italicized glyphs
- for underlined glyphs
- for glyphs in small-caps
- for glyphs in subscript
- for glyphs in superscript
These mark the physical change, and are agnostic about a logical motivation for it. There are
two exceptions to this approach, however: marking foreign words and titles. In the case of
foreign words, use the `<foreign>` element; in the case of titles, use the `<title>` element only if
certain that the word or phrase in question is a title. If a phrase is, say, italicized, but you are
uncertain about its being a title, use the `<i>` element instead. Foreign words should be marked
only if they are typographically distinguished from surrounding text.

In addition, the `<handshift>` element may be used within the body of a transcription to
indicate where a change of hand is detected for whatever reason.

If there is a typographical feature not covered by the above elements, the TEI `<hi>` element
is still available in Tite. Use it without a `rend` attribute.

### 6.2 Phrase-level Quotation

For passages set off by quotation marks or another delimiter, use the `<q>` element, including
the delimiter inside the tag.

### 6.3 Alignment and Indentation

If the alignment of an element seems remarkable, set the element’s `rend` attribute to an
appropriate value (normally center, right, left, etc.). However, when semantic already accounts
for its cause, description of alignment is not necessary. Headings, for instance, do not need to
be marked as being centered.

To indicate level of indentation (often in verse), use numerical arguments to indent, as in
indent(1), indent(-1), and so on.

### 6.4 Uncertain Segments

The `<seg>` element is the phrase-level analogue to the `<ab>` element. If a phrase-level feature
seems to be present but its identity is hard to fathom, use this element. This, again, is a last
resort.

Alternately, when a passage of text is for some reason too hard to read, use the `<unclear>`
element, setting the `reason` attribute to an appropriate value. When using `<unclear>`, surround
the entire word with the tag if any part of it is unclear (not just the illegible letter, say).

### 6.5 Unknown Glyphs

For cases in which it is unknown which character a given glyph corresponds to, mark the glyph
with the `<g>` element to indicate the uncertainty. By convention in Tite, `<g>` represents any
unknown glyph: no `ref` attribute is necessary. Note that unknown glyphs are different from
illegible text.

### 7 Reference Systems

Encode page breaks `<pb>` at the start of each page, and encode breaks even for blank pages. If
the page is numbered, include the page number as the value of the `n` attribute and, again, no
matter where the page number is printed on the page, place the `<pb>` element at the top.

If marking column breaks, follow the same rules as for page breaks. Column breaks are
imagined to appear at the top of the column, at the beginning of the column’s text. The
`<colShift>` element exists to record a change in columnar layout. If such a change occurs, mark
the beginning of the new layout with `<colShift>` and supply the new number of columns as the
value for the `n` attribute.

For many applications, it will not be important to capture line breaks in ordinary prose text,
but in cases where they are purposeful (such as in the layout of acrostics, or where a word is broken
across a line), they should be captured using the `<lb>` element, placing it at the start of each
line.
Appendices

A TEI Tite and the Best Practices for TEI in Libraries

The Best Practices for TEI in Libraries ("BP") creates common definitions of levels of encoding based on depth of markup applied. Because the levels of encoding provide a tremendously useful common set of terms, it’s helpful to situate TEI Tite according to them.

Mapped to BP levels, TEI Tite would sit between Level 3 and Level 4: it requires use of all the elements from Level 3 plus additional ones, but requires fewer elements than Level 4.

Relative to Level 3, Simple Analysis, Tite

- encourages the use of the *rend* attribute on typographically distinct text (marked with `<hi>`), implicitly, through the provision of convenience elements ( `<i>`, `<b>`, etc.), and it provides the `<title>` and `<foreign>` elements for semantic markup of typographically distinct phrases; in level 3, the *rend* attribute is optional, and `<title>` and `<foreign>` are not provided
- provides some genre-specific elements in addition to those for verse that level three also provides ( `<lg>`, `<l>`): `<sp>`, `<speaker>`, and `<stage>` for drama, the `<colShift>` element especially for newspapers.

The most useful comparison for Tite is to Level 4 (Basic Content Analysis), provides the most useful comparison. The following items represent instances where Tite is less ambitious than Level 4:

- except in the case of the `<foreign>` and `<title>` elements, it is preferred in Tite to describe typographical changes physically, rather than semantically; Tite uses `<i>`, `<b>`, etc. where level four uses `<emph>`, `<gloss>`, `<term`
- Tite provides only `<q>` for quoted material, where level four is more discriminating, using `<quote>`, `<said>`, `<mentioned>`, `<soCalled`
- Tite doesn’t provide elements for editorial intervention, as level four does: `<choice>`, `<sic>`, `<corr>`
- Tite doesn’t provide entity-specific naming elements, like `<persName>`, `<placeName>`, `<orgName>` and their list- `<listPerson>`, etc.) forms

Bringing Tite-encoded documents up to BP Level 4 would simply require application of additional markup, not significant reworking of markup, and in that way Tite is compatible with the BP.

Do also keep in mind that Tite lacks both the `<teiHeader>` and root `<TEI>` element used in TEI-conformant documents.

B Formal specification

B.1 Elements

<ab> (anonymous block) contains any arbitrary component-level unit of text, acting as an anonymous container for phrase or inter level elements analogous to, but without the semantic baggage of, a paragraph. [16.3. Blocks, Segments, and Anchors]
May contain:

core: abbr add address bibl cb cit date del desc email foreign gan graphic hi label lb lg list listBibl milestone name note num pb ptr q ref stage time title unclear
derived-module-tee_title: b colShift ornament smcap sub sup ul
figures: figure formula table
gaiji: g
linking: seg
textstructure: floatingText
transcr: handShift

core:

Note The <ab> element may be used at the encoder’s discretion to mark any component-level elements in a text for which no other more specific appropriate markup is defined.

Example

```html
<div type="book" n="Genesis">
  <div type="chapter" n="1">
    <ab>In the beginning God created the heaven and the earth.</ab>
    <ab>And the earth was without form, and void; and darkness was upon the face of the deep. And the spirit of God moved upon the face of the waters.</ab>
    <ab>And God said, Let there be light: and there was light.</ab>
  </div>
</div>
```

Schematron <s:report test="not(ancestor::tei:floatingText) and (ancestor::tei:p or ancestor::tei:ab) and not(parent::tei:exemplum |parent::tei:item |parent::tei:note |parent::tei:q |parent::tei:quote |parent::tei:remarks |parent::tei:said |parent::tei:sp |parent::tei:stage |parent::tei:cell |parent::tei:figure)"> Abstract model violation: ab may not occur inside paragraphs or other ab elements. </s:report>

Schematron <s:report test="ancestor::tei:l or ancestor::tei:lg"> Abstract model violation: Lines may not contain higher-level divisions such as p or ab. </s:report>

Content model

```xml
<content>
  <macroRef key="macro.paraContent"/>
</content>
```

Schema Declaration

```xml
<element ab { macro.paraContent }>
```

<abbr> (abbreviation) contains an abbreviation of any sort. 3.5.5. Abbreviations and Their Expansions

Module core

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
<abbr>

(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source))

Member of model.pPart.editorial

Contained by
core: abbr add addrLine author bibl date del desc editor email foreign head hi item i
label name note num p pubPlace publisher q ref resp speaker stage time title unclear
derived-module-tei_tite: b i smcap sub sup ul
figures: cell
linking: ab seg
textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener

salute signed titlePart trailer

May contain
core: abbr add address cb cit date del email foreign gap graphic hi lb milestone name
note num pb ptr q ref time title unclear
derived-module-tei_tite: b colShift i smcap sub sup ul
figures: figure formula
gaiji: g
linking: seg
textstructure: floatingText
transcr: handShift

character data

Note If abbreviations are expanded silently, this practice should be documented in the
<editorialDecl>, either with a <normalization> element or a <p>.

Example

<choice>
<expan>North Atlantic Treaty Organization</expan>
<abbr cert="low">NATO</abbr>
<abbr cert="high">NATO</abbr>
<abbr cert="high" xml:lang="fr">OTAN</abbr>
</choice>

Example

<choice>
<abbr>SPQR</abbr>
<expan>senatus populusque romanorum</expan>
</choice>

Content model

<content>
<macroRef key="macro.phraseSeq"/>
</content>

Schema Declaration

element abbr { att.global.attributes, macro.phraseSeq }
<add> (addition) contains letters, words, or phrases inserted in the source text by an
author, scribe, or a previous annotator or corrector. [3.4.3. Additions, Deletions, and
Omissions]

Module core

Attributes

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>att.global</td>
<td>@xml:id, @n, @xml:lang, @xml:space</td>
</tr>
<tr>
<td></td>
<td>(att.global.rendition, @rend, @style)</td>
</tr>
<tr>
<td></td>
<td>(att.global.linking, @corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)</td>
</tr>
<tr>
<td></td>
<td>(att.global.faces, @fac)</td>
</tr>
<tr>
<td></td>
<td>(att.global.change, @change)</td>
</tr>
<tr>
<td></td>
<td>(att.global.responsibility, @cert, @resp)</td>
</tr>
<tr>
<td></td>
<td>(att.global.source, @source)</td>
</tr>
<tr>
<td></td>
<td>att.transcriptional, @status, @cause, @seq, @att.written, @hand, @typed</td>
</tr>
<tr>
<td></td>
<td>att.typed, @type</td>
</tr>
</tbody>
</table>

Member of model.pPart.transcriptional

Contained by

core: abbr, add, addrLine, author, bibl, date, del, editor, email, foreign, head, hi, item, label, name, note, num, p, pubPlace, publisher, q, ref, speaker, stage, time, title, unclear

derived-module-tei_tite: b, i, smcap, sub, sup, ul

figures: cell

linking: ab, seg

textstructure: byline, closer, dateline, docAuthor, docDate, docEdition, docImprint, opener, salute, signed, titlePart, trailer

May contain

core: abbr, add, address, bibl, cb, cit, date, del, desc, email, foreign, gap, graphic, hi, label, lb, lg, list, listBibl, milestone, name, note, num, pb, ptr, q, ref, stage, time, title, unclear

derived-module-tei_tite: b, colShift, i, ornament, smcap, sub, sup, ul

figures: figure, formula, table

gaiji: g

linking: seg

textstructure: floatingText

transcr: handShift

character data

Note

In a diplomatic edition attempting to represent an original source, the <add> element should not be used for additions to the current TEI electronic edition made by editors or encoders. In these cases, either the <corr> or <supplied> element are recommended.

In a TEI edition of a historical text with previous editorial emendations in which such additions or reconstructions are considered part of the source text, the use of <add> may be appropriate, dependent on the editorial philosophy of the project.

Example

The story I am going to relate is true as to its main facts, and as to the consequences <add place="above">of these facts</add> from which this tale takes its title.

Content model

```xml
<content>
  <macroRef key="macro.paraContent"/>
</content>
```

Schema Declaration
<addrline>

(element add
  {  
    att.global.attributes,
    att.transcriptional.attributes,
    att.typed.attributes,
    macro.paraContent}

<addrline> (address line) contains one line of a postal address. [3.5.2. Addresses 2.2.4. Publication, Distribution, Licensing, etc. 3.11.4. Imprint, Size of a Document, and Reprint Information]

Module core
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
  @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
  (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
  (att.global.source (@source))

Member of model.addrPart

Contained by
core: address

May contain
core: abbr add address cb cit date del email foreign gap graphic hi lb milestone name
  note num ph ptr q ref time title unclear
derived-module-tei_tite: b colShift i smcap sub sup ul
figures: figure formula
gaiji: g
linking: seg
textstructure: floatingText
transcr: handShift

character data

Note Addresses may be encoded either as a sequence of lines, or using any sequence of component elements from the model.addrPart class. Other non-postal forms of address, such as telephone numbers or email, should not be included within an <address> element directly but may be wrapped within an <addrline> if they form part of the printed address in some source text.

Example

<Address>
  <addrline>Computing Center, MC 135</addrline>
  <addrline>P.O. Box 6998</addrline>
  <addrline>Chicago, IL</addrline>
  <addrline>60680 USA</addrline>
</Address>

Example

<addrline>
  <ref target="tel:+1-201-555-0123">(201) 555 0123</ref>
</addrline>

Content model
<address> contains a postal address, for example of a publisher, an organization, or an individual. \[3.5.2. Addresses \] \[2.2.4. Publication, Distribution, Licensing, etc. \] \[3.11.2.4. Imprint, Size of a Document, and Reprint Information \]

Note This element should be used for postal addresses only. Within it, the generic element <addrLine> may be used as an alternative to any of the more specialized elements available from the model.addrPart class, such as <street>, <postCode> etc.

Example Using just the elements defined by the core module, an address could be represented as follows:

<address>
    <street>via Marsala 24</street>
    <postCode>40126</postCode>
    <name>Bologna</name>
    <name>Italy</name>
</address>

Example When a schema includes the names and dates module more specific elements such as country or settlement would be preferable over generic <name>: 

<address>
    <street>via Marsala 24</street>
    <postCode>40126</postCode>
</address>
<argument>

Example

```xml
<address>
  <addrLine>Computing Center, MC 135</addrLine>
  <addrLine>P.O. Box 6998</addrLine>
  <addrLine>Chicago, IL 60680</addrLine>
  <addrLine>USA</addrLine>
</address>

Example

```xml
<address>
  <country key="FR"/>Lyon</settlemen
  <postCode>69002</postCode>
  <district type="arrondissement">IIème</district>
  <district type="quartier">Perrache</district>
  <street><num>30</num>, Cours de Verdun</street>
</address>

Content model

```xml
<content>
  <sequence>
    <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    <sequence minOccurs="1" maxOccurs="unbounded">
      <classRef key="model.addrPart"/>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
  </sequence>
</content>
```

Schema Declaration

```
<element address {
  att.global.attributes,
  ( model.global*, ( model.addrPart, model.global* )+ )
}
```

<argument> contains a formal list or prose description of the topics addressed by a subdivision of a text. [4.2. Elements Common to All Divisions | 4.6. Title Pages]

Module textstructure

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)  
(att.global.rendition (@rend, @style))  
(att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select))  
(att.global.facs (@facs))  
(att.global.change (@change))  
(att.global.responsibility (@cert, @resp))  
(att.global.source (@source))

17
B FORMAL SPECIFICATION

Member of  

model.divWrapper  model.pLike.front  model.titlePagePart

Contained by 

core:  
lg list

figures:  
figure table

textstructure:  
back body div1 div2 div3 div4 div5 div6 div7 front group opener titlePage

May contain 

core:  
bibl cb cit desc gap head label lb lg list listBibl milestone note p pb q sp stage
derived-module-tei_tite:  
colShift ornament

figures:  
figure table

linking:  
ab

textstructure:  
floatingText

Example 

<argument>
  <p>Monte Video — Maldonado — Excursion
     to R Polanco — Lazo and Bolas — Partridges —
     Absence of Trees — Deer — Capybara, or River Hog —
     Tucutuco — Molothrus, cuckoo-like habits — Tyrant
     Flycatcher — Mocking-bird — Carrion Hawks —
     Tubes formed by Lightning — House struck</p>
</argument>

Content model 

<content>
 <sequence>
  <alternate minOccurs="0" maxOccurs="unbounded">
   <classRef key="model.global"/>
   <classRef key="model.headLike"/>
  </alternate>
  <sequence minOccurs="1" maxOccurs="unbounded">
   <classRef key="model.common"/>
   <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
  </sequence>
 </sequence>
</content>

Schema Declaration 

element argument
{
   att.global.attributes,
   (( model.global | model.headLike )* , ( model.common , model.global* )+ )
}

<author> in a bibliographic reference, contains the name(s) of an author, personal or corporate, of a work; for example in the same form as that provided by a recognized bibliographic name authority. [3.11.2.2. Titles, Authors, and Editors 2.2.1. The Title Statement]

Module  core

18
Attributes

Member of model.respLike

Contained by

core: bibl

May contain

core: abbr add address cb cit date del email foreign gap graphic hi lb milestone name note num pb ptr q ref time title unclear

derived-module-tei_tite: b colShift i smcap sub sup ul

figures: figure formula

gaiji: g

linking: seg

textstructure: floatingText

transcr: handShift

character data

Note

Particularly where cataloguing is likely to be based on the content of the header, it is advisable to use a generally recognized name authority file to supply the content for this element. The attributes key or ref may also be used to reference canonical information about the author(s) intended from any appropriate authority, such as a library catalogue or online resource.

In the case of a broadcast, use this element for the name of the company or network responsible for making the broadcast.

Where an author is unknown or unspecified, this element may contain text such as Unknown or Anonymous. When the appropriate TEI modules are in use, it may also contain detailed tagging of the names used for people, organizations or places, in particular where multiple names are given.

Example

<author>British Broadcasting Corporation</author>
<author>La Fayette, Marie Madeleine Pioche de la Vergne, comtesse de (1634–1693)</author>
<author>Anonymous</author>
<author>Bill and Melinda Gates Foundation</author>
<persName>Beaumont, Francis</persName> and <persName>John Fletcher</persName>
</author>
<author>
<orgName key="BBC">British Broadcasting Corporation</orgName>: Radio 3 Network
</author>

Content model

<content>
 <macroRef key="macro.phraseSeq"/>
</content>

Schema Declaration
element author { att.global.attributes, macro.phraseSeq }

<b> (bold) for capturing typographical feature: bold glyphs.

Namespace http://www.tei-c.org/ns/tite/1.0

Module derived-module-tei_tite

Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)

(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))

(att.global.change (@change)) (att.global.responsibility (@cert, @resp))

(att.global.source (@source))

Member of model.hiLike

Contained by

core: abbr add addrLine author bibl date del desc editor email foreign head hi item
label name note num p pubPlace publisher q ref resp speaker stage time title unclear

derived-module-tei_tite: b i smcap sub sup ul

figures: cell formula

linking: ab seg

textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener
salute signed titlePart trailer

May contain

core: abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb lg
list listBibl milestone name note num pb ptr q ref stage time title unclear

derived-module-tei_tite: b colShift i ornament smcap sub sup ul

figures: figure formula table

gaiji: g

linking: seg

textstructure: floatingText

transcr: handShift

character data

Content model

<content>
<macroRef key="macro.paraContent"/>
</content>

Schema Declaration

element b { att.global.attributes, macro.paraContent }
Because cultural conventions differ as to which elements are grouped as back matter and which as front matter, the content models for the `<back>` and `<front>` elements are identical.

**Example**

```xml
<back>
  <div type="appendix">
    <head>The Golden Dream or, the Ingenuous Confession</head>
    <p>TO shew the Depravity of human Nature, and how apt the Mind is to be misled by Trinkets and false Appearances, Mrs. Two-Shoes does acknowledge, that after she became rich, she had like to have been, too fond of Money</p>
  </div>
  <div type="epistle">
    <head>A letter from the Printer, which he desires may be inserted</head>
    <salute>Sir.</salute>
    <p>I have done with your Copy, so you may return it to the Vatican, if you please;</p>
  </div>
  <div type="advert">
    <head>The Books usually read by the Scholars of Mrs Two-Shoes are these and are sold at Mr Newbery's at the Bible and Sun in St Paul's Church-yard.</head>
    <list>
      <item n="1">The Christmas Box, Price 1d.</item>
      <item n="2">The History of Giles Gingerbread, 1d.</item>
      <item n="42">A Curious Collection of Travels, selected from the Writers of all Nations, 10 Vol, Pr. bound 1l.</item>
    </list>
  </div>
  <div type="advert">
    <head>By the KING's Royal Patent, Are sold by J. NEWBERY, at the Bible and Sun in St Paul's Church-Yard.</head>
    <list>
      <item n="1">Dr. James's Powders for Fevers, the Small-Pox, Measles,
```
Colds, &c. 2s.
6d</item>

<item n="2">Dr. Hooper's Female Pills, 1s.</item>

<!-- ... -->
</list>
</div>
</back>

Content model

```xml
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.frontPart"/>
      <classRef key="model.pLike.front"/>
      <classRef key="model.pLike"/>
      <classRef key="model.listLike"/>
      <classRef key="model.global"/>
    </alternate>
    <alternate minOccurs="0">
      <sequence>
        <classRef key="model.div1Like"/>
        <alternate minOccurs="0" maxOccurs="unbounded">
          <classRef key="model.frontPart"/>
          <classRef key="model.div1Like"/>
          <classRef key="model.global"/>
        </alternate>
      </sequence>
      <sequence>
        <classRef key="model.divLike"/>
        <alternate minOccurs="0" maxOccurs="unbounded">
          <classRef key="model.frontPart"/>
          <classRef key="model.divLike"/>
          <classRef key="model.global"/>
        </alternate>
      </sequence>
    </alternate>
    <sequence minOccurs="0">
      <classRef key="model.divBottomPart"/>
      <alternate minOccurs="0" maxOccurs="unbounded">
        <classRef key="model.divBottomPart"/>
        <classRef key="model.global"/>
      </alternate>
    </sequence>
  </sequence>
</content>

Schema Declaration

```xml
element back
{
  att.global.attributes,
  ( (model.frontPart | model.pLike.front | model.pLike | model.listLike | model.global)*
  )
  ( (model.frontPart | model.pLike | model.listLike | model.global)*
  )
}
(bibliographic citation) contains a loosely-structured bibliographic citation of which the sub-components may or may not be explicitly tagged. 3.11.1. Methods of Encoding Bibliographic References and Lists of References 2.2.7. The Source Description 15.3.2. Declarable Elements

Module core
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source)) att.declarable (@default) att.typed (@type) att.sortable (@sortKey) att.docStatus (@status)

Member of model.biblLike model.biblPart

Contained by
  core: add bibl cit del desc head hi item l listBibl note p q ref stage title unclear
derived-module-tei_tite: b i smcap sub sup ul
figures: cell figure
linking: ab seg
textstructure: argument body div1 div2 div3 div4 div5 div6 div7 docEdition epigraph
postscript salute signed titlePart trailer

May contain
core: abbr add address author bibl ch date del editor email foreign gap hi lb milestone
name note num pb ptr pubPlace publisher ref respStmt time title unclear
derived-module-tei_tite: b colShift i smcap sub sup ul
figures: figure
gaiji: g
linking: seg
transcr: handShift

character data

Note Contains phrase-level elements, together with any combination of elements from the model.biblPart class

Example

<bibl>Blain, Clements and Grundy: Feminist Companion to Literature in English (Yale, 1990)</bibl>

Example

<bibl>
<title level="a">The Interesting story of the Children in the

23

Example

```
<bibl type="article" subtype="book_chapter" xml:id="carlin_2003">
  <author>
    <surname>Carlin</surname>
    <forename>Claire</forename>
  </author>,
  <title level="a">The Staging of Impotence : France’s last congrès</title> dans 
  <bibl type="monogr">
    <title level="m">Theatrum mundi : studies in honor of Ronald W. Tobin</title>, éd.
    <editor>
      <name>
        <forename>Claire</forename>
        <surname>Carlin</surname>
      </name>
    </editor> et
    <editor>
      <name>
        <forename>Kathleen</forename>
        <surname>Wine</surname>
      </name>
    </editor>, 
    <pubPlace>Charlottesville, Va.</pubPlace>, 2003</date>.
  </bibl>
</bibl>
```

Content model

```
<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <textNode/>
    <classRef key="model.gLike"/>
    <classRef key="model.highlighted"/>
    <classRef key="model.pPart.data"/>
    <classRef key="model.pPart.edit"/>
    <classRef key="model.segLike"/>
    <classRef key="model.ptrLike"/>
    <classRef key="model.biblPart"/>
    <classRef key="model.global"/>
  </alternate>
</content>
```

Schema Declaration

```
element bibl
{
  att.global.attributes,
  att.declarable.attributes,
}
```
text (body) contains the whole body of a single unitary text, excluding any front or back matter. [4. Default Text Structure]

Module textstructure

Attributes

- att.global (@xml:id, @n, @xml:lang, @xml:space)
  - att.global.rendition (@rend, @style)
  - att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
  - att.global.facets (@facets)
  - att.global.change (@change)
  - att.global.responsibility (@cert, @resp)
  - att.global.source (@source)

Contained by

- textstructure: floatingText

May contain

- core: bibl, cb, cit, desc, gap, head, label, lb, lg, listBibl, milestone, note, p, pb, q, sp, stage
- derived-module-tei_tite: colShift, ornament
- figures: figure, table
- linking: ab

Example

<body>
  <l>Nu scylun hergan hefaenricaes uard</l>
  <l>metudæs maecti end his modgidanc</l>
  <l>uerc uuldurfadur sue he uundra gihuaes</l>
  <l>eci dryctin or astelidæ</l>
  <l>he aerist scop aelda barnum</l>
  <l>heben til hrofe haleg scepen</l>
  <l>tha middungeard moncyennas uard</l>
  <l>eci dryctin æfter tiadæ</l>
  <l>firum foldu frea allmectig</l>
  <trailer>primo cantauit Cædmon istud carmen.</trailer>
</body>

Content model

<content>
  <sequence>
    <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    <sequence minOccurs="0">
      <classRef key="model.divTop"/>
      <alternate minOccurs="0" maxOccurs="unbounded">
        <classRef key="model.global"/>
        <classRef key="model.divTop"/>
      </alternate>
    </sequence>
  </sequence>
</content>
<alternate minOccurs="0" maxOccurs="unbounded">
  <classRef key="model.divGenLike"/>
</alternate>

<alternate minOccurs="0" maxOccurs="unbounded">
  <classRef key="model.global"/>
  <classRef key="model.divGenLike"/>
</alternate>

<sequence minOccurs="1" maxOccurs="unbounded">
  <classRef key="model.divLike"/>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <classRef key="model.global"/>
    <classRef key="model.divGenLike"/>
  </alternate>
</sequence>

<sequence minOccurs="1" maxOccurs="unbounded">
  <classRef key="model.div1Like"/>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <classRef key="model.global"/>
    <classRef key="model.divGenLike"/>
  </alternate>
</sequence>

<sequence minOccurs="1" maxOccurs="unbounded">
  <classRef key="model.common"/>
  <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
</sequence>

<alternate minOccurs="0">
  <sequence minOccurs="1" maxOccurs="unbounded">
    <classRef key="model.divLike"/>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.global"/>
      <classRef key="model.divGenLike"/>
    </alternate>
  </sequence>

  <sequence minOccurs="1" maxOccurs="unbounded">
    <classRef key="model.div1Like"/>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.global"/>
      <classRef key="model.divGenLike"/>
    </alternate>
  </sequence>
</alternate>

<sequence minOccurs="0" maxOccurs="unbounded">
  <classRef key="model.divBottom"/>
  <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
</sequence>
Schema Declaration

```
<byline>
</content>

Schema Declaration

```
element body
{
  att.global.attributes,
  (model.global*,
   (model.divTop, (model.global | model.divTop)*)?,
   (model.divGenLike, (model.global | model.divGenLike)*)?,
   (model.divLike, (model.global | model.divGenLike)*)+
   | (model.div1Like, (model.global | model.divGenLike)*)+
   | {
     (model.common, model.global*)+,
     (model.divLike, (model.global | model.divGenLike)*)+
     | (model.div1Like, (model.global | model.divGenLike)*)+
   }?
  ),
  (model.divBottom, model.global*)*
}
```

<byline> contains the primary statement of responsibility given for a work on its title
page or at the head or end of the work. 4.2.2. Openers and Closers 4.5. Front
Matter

Module textstructure

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
  @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facsimile (@facsimile))
  (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
  (att.global.source (@source))

Member of model.divWrapper model.pLike.front model.titlepagePart

Contained by

core: lg
figures: figure

textstructure: back body div1 div2 div3 div4 div5 div6 div7 front group opener titlePage

May contain

core: abbr add address bib date del email foreign gap graphic hi lb milestone name note
num pb ptr ref time title unclear

derived-module-tei_title: b colShift i smcap sub sup ul
figures: figure formula

gaiji: く

linking: seg

textstructure: docAuthor

transcr: handShift

character data

27
Note The byline on a title page may include either the name or a description for the document's author. Where the name is included, it may optionally be tagged using the <docAuthor> element.

Example

<byline>Written by a CITIZEN who continued all the while in London. Never made publick before.</byline>

Example

<byline>Written from her own MEMORANDUMS</byline>

Example

<byline>By George Jones, Political Editor, in Washington</byline>

Example

<byline>BY <docAuthor>THOMAS PHILIPOTT, </docAuthor> Master of Arts, (Sometimes) Of Clare-Hall in Cambridge.</byline>

Content model

```xml
<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <textNode/>
    <classRef key="model.gLike"/>
    <classRef key="model.phrase"/>
    <elementRef key="docAuthor"/>
    <classRef key="model.global"/>
  </alternate>
</content>
```

Schema Declaration

```xml
element byline
{
  att.global.attributes,
  ( text | model.gLike | model.phrase | docAuthor | model.global )*
}
```

<cb> (column beginning) marks the beginning of a new column of a text on a multi-column page. [3.10.3. Milestone Elements]
May contain Empty element

Note On this element, the global n attribute indicates the number or other value associated with the column which follows the point of insertion of this \textless cb \textgreater element. Encoders should adopt a clear and consistent policy as to whether the numbers associated with column breaks relate to the physical sequence number of the column in the whole text, or whether columns are numbered within the page.

The \textless cb \textgreater element is placed at the head of the column to which it refers.

Example Markup of an early English dictionary printed in two columns:

\begin{verbatim}
<pb/>
<cb n="1"/>
<entryFree>
  <form>Well</form>, <sense>a Pit to hold Spring-Water</sense>:  
  <sense>In the Art of \textit{War}, a Depth the Miner 
  sinks into the Ground, to find out and disappoint the Enemies Mines, 
  or to prepare one</sense>. 
</entryFree>
<entryFree>To <form>Welter</form>, <sense>to wallow</sense>, or 
<sense>lie groveling</sense>.</entryFree>
</cb n="2"/>  
<entryFree>
  <form>Wey</form>, <sense>the greatest Measure for dry Things, 
  containing five Chaldron</sense>. 
</entryFree>
<entryFree>
  <form>Whale</form>, <sense>the greatest of 
  Sea-Fishes</sense>.  
</entryFree>
\end{verbatim}

Content model \textless content \textgreater \texttt{empty} \textlt;/content\textgreater

Schema Declaration

\texttt{element cb \{ att.global.attributes, att.typed.attributes, empty \}}

\texttt{\textless cell\textgreater}\ contains one cell of a table. [14.1.1. TEI Tables]

Module figures

Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)  
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, 
@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))  
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))  
(att.global.source (@source)) att.tableDecoration (@role, @rows, @cols)
Example

```xml
<row>
  <cell role="label">General conduct</cell>
  <cell role="data">Not satisfactory, on account of his great unpunctuality and inattention to duties</cell>
</row>
```

Content model

```xml
<content>
  <macroRef key="macro.specialPara"/>
</content>
```

Schema Declaration

```xml
element cell
{
  att.global.attributes,
  att.tableDecoration.attributes,
  macro.specialPara
}
```

**<cit>** (cited quotation) contains a quotation from some other document, together with a bibliographic reference to its source. In a dictionary it may contain an example text with at least one occurrence of the word form, used in the sense being described, or a translation of the headword, or an example. [3.3.3. Quotation 4.3.1. Grouped Texts 9.3.5.1. Examples]

**Module core**

**Member of** [model.quoteLike]

**Contained by**

```xml
core: abbr add address bibl cb cit del desc editor email foreign gap graphic hi label lb lg
      list listBibl milestone name note num pb ptr q ref sp stage time title unclear
```

**derived-module-tei_tite:** b colShift i ornament smcap sub sup ul

**figures:** figure formula table

**gaiji:** g

**linking:** ab seg

**textstructure:** floatingText

**transcr:** handShift
caracter data

30
and the breath of the whale is frequently attended with such an insupportable smell, as to bring on disorder of the brain.

Ulloa’s South America

Example

<orth>horrifier</orth>

<cit type="translation" xml:lang="en">to horrify</cit>

<cit type="example">

elle était horrifiée par la dépense

she was horrified at the expense.

</cit>

Content model

<content>

<alternate minOccurs="1" maxOccurs="unbounded">

<classRef key="model.qLike"/>

<classRef key="model.egLike"/>

<classRef key="model.biblLike"/>

<classRef key="model.ptrLike"/>

<classRef key="model.global"/>

</alternate>

</content>

Example

<entry>

<orth>horrifier</orth>

</entry>

Schema Declaration

element cit
{

model.qLike  |  model.egLike  |  model.biblLike  |  model.ptrLike  |  model.global

}
B  FORMAL SPECIFICATION

@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source)) att.written (@hand)

Member of model.divBottomPart

Contained by
core: lg list
figures: figure table
textstructure: back body div1 div2 div3 div4 div5 div6 div7 front group postscript

May contain
core: abbr add address db date del email foreign gap graphic hi lb milestone name note
num pb ptr ref time title unclear
derived-module-td_tite: b colShift i smcap sub sup ul
ing: figure formula
gaiji: g
linking: seg
textstructure: dateline salute signed
transcr: handShift

character data

Example

<div type="letter">
<p>perhaps you will favour me with a sight of it when convenient.</p>
<closer>
  <salute>I remain, &c. &c.</salute>
  <signed>H. Colburn</signed>
</closer>
</div>

Example

<div type="chapter">
<p>!-- ... --> and his heart was going like mad and yes I said yes I will Yes.</p>
<closer>
  <dateline>
    <name type="place">Trieste-Zürich-Paris</name>
    <date>1914–1921</date>
  </dateline>
</closer>
</div>

Content model

<content>
  <alternate minOccurs="0"
    maxOccurs="unbounded">
    <textNode/>
    <classRef key="model.gLike"/>
    <elementRef key="signed"/>
    <elementRef key="dateline"/>
    <elementRef key="salute"/>
    <classRef key="model.phrase"/>
    <classRef key="model.global"/>
  </alternate>
</content>
### Schema Declaration

#### Element `closer`

```xml
element closer
{
  att.global.attributes,
  att.written.attributes,
  {
    text
    | model.gLike
    | signed
    | dateline
    | salute
    | model.phrase
  }
}
```

### `<colShift>` (column shift)

With the `cols` attribute is used to mark where a document changes columnar layout.

**Namespace** http://www.tei-c.org/ns/tite/1.0

**Module** derived-module-tei_tite

**Attributes**

- `att.global (@xml:id, @n, @xml:lang, @xml:space)`
- `att.global.rendition (@rend, @style)`
- `att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)`
- `att.global.facs (@facs)`
- `att.global.change (@change)`
- `att.global.source (@source)`

- `@ed` indicates the edition or version in which the change in columnar layout is located at this point
  - **Status**: Optional
  - **Datatype**: teidata.word

- `@cols` indicates the new number of columns
  - **Status**: Optional
  - **Datatype**: teidata.count

**Member of** model.milestoneLike

**Contained by**

- core: `abbr add addrLine address author bibl cit date del editor email foreign head hi item label lg list listBibl name note num p pubPlace publisher q ref resp sp speaker stage time title unclear`

- derived-module-tei_tite: `b i smcap sub sup ul`

- figures: `cell figure table`

- linking: `ab seg`

- textstructure: `argument back body bvline closer dateline div1 div2 div3 div4 div5 div6 div7 docAuthor docDate docEdition docImprint docTitle epigraph floatingText front group opener postscript salute signed text titlePage titlePart trailer`

**May contain** Empty element

**Content model**

```xml
<content> <empty/></content>
```

### Schema Declaration

#### Element `colShift`

```xml
element colShift
{
  att.global.attributes,
  attribute [http://www.tei-c.org/ns/tite/1.0]ed { text }?,
  attribute [http://www.tei-c.org/ns/tite/1.0]cols { text }?,
}
<date> contains a date in any format. 

Example

Example

Given on the <date when="1977-06-12">Twelfth Day of June in the Year of Our Lord One Thousand Nine Hundred and Seventy-seven of the Republic the Two Hundredth and first and of the University the Eighty-Sixth.</date>

Example

Example

<date when="1990-09">September 1990</date>

Content model

<content>
<alternate minOccurs="0"
<dateline>

maxOccurs="unbounded">
<content>
<dateline>
contains a brief description of the place, date, time, etc. of production of a
letter, newspaper story, or other work, prefixed or suffixed to it as a kind of heading
or trailer. [4.2.2. Openers and Closers]

Module textstructure
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
| (att.global.render (@rend, @style)) (att.global.rendering (@corresp, @synch,
| @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
| (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
| (att.global.source (@source))

Member of model.divWrapper
Contained by
core: lg list
figures: figure table
textstructure: body closer div1 div2 div3 div4 div5 div6 div7 front group opener
May contain
core: abbr add address cb date del email foreign gap graphic hi lb milestone name note
num pb ptr ref time title unclear
derived-module-tei_tite: b colShift i smcap sub sup ul
figures: figure formula
gaiji: g
linking: seg
textstructure: docDate
transcr: handShift
character data
Example
<dateline>Walden, this 29. of August 1592</dateline>

Example
and his heart was going like mad and yes I said yes I will
Yes.</div>
<dateline>
<name type="place">Trieste-Zürich-Paris, </name>
<date>1914–1921</date>
</dateline>
</div>

Content model
<content>
<alternate minOccurs="0" maxOccurs="unbounded">
<textNode/>
<classRef key="model.gLike"/>
<classRef key="model.phrase"/>
<classRef key="model.global"/>
<elementRef key="docDate"/>
</alternate>
</content>

Schema Declaration

element dateline
{
    att.global.attributes,
    ( text | model.gLike | model.phrase | model.global | docDate )* 
}

<del> (deletion) contains a letter, word, or passage deleted, marked as deleted, or
otherwise indicated as superfluous or spurious in the copy text by an author, scribe,
or a previous annotator or corrector. [3.4.3. Additions, Deletions, and Omissions]

Module core
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source)) att.transcriptional (@status, @cause, @seq) att.written
(@hand)) att.typed (@type)

Member of model.pPart.transcriptional

Contained by core:
abbr add addrLine author bibl date del editor email foreign head hi item label
name note num p pubPlace publisher q ref speaker stage time title unclear

derived-module-tei_tite: b i smcap sub sup u l
figures: cell
linking: ab seg

textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener
salute signed titlePart trailer
May contain

<del>

core: abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb lg list listBibl milestone name note num pb ptr q ref stage time title unclear
derived-module-tei_tite: b colShift i ornament smcap sub sup ul
figures: figure formula table
gaiji: 
linking: seg
textstructure: FloatingText
transcr: handShift

character data

Note This element should be used for deletion of shorter sequences of text, typically single words or phrases. The <delSpan> element should be used for longer sequences of text, for those containing structural subdivisions, and for those containing overlapping additions and deletions.

The text deleted must be at least partially legible in order for the encoder to be able to transcribe it (unless it is restored in a <supplied> tag). Illegible or lost text within a deletion may be marked using the <gap> tag to signal that text is present but has not been transcribed, or is no longer visible. Attributes on the <gap> element may be used to indicate how much text is omitted, the reason for omitting it, etc. If text is not fully legible, the <unclear> element (available when using the additional tagset for transcription of primary sources) should be used to signal the areas of text which cannot be read with confidence in a similar way.

Degrees of uncertainty over what can still be read, or whether a deletion was intended may be indicated by use of the <certainty> element (see 21. Certainty, Precision, and Responsibility).

There is a clear distinction in the TEI between <del> and <surplus> on the one hand and <gap> or <unclear> on the other. <del> indicates a deletion present in the source being transcribed, which states the author’s or a later scribe’s intent to cancel or remove text. <surplus> indicates material present in the source being transcribed which should have been so deleted, but which is not in fact. <gap> or <unclear>, by contrast, signal an editor’s or encoder’s decision to omit something or their inability to read the source text. See sections 11.3.1.7. Text Omitted from or Supplied in the Transcription and 11.3.3.2. Use of the gap, del, damage, unclear, and supplied Elements in Combination for the relationship between these and other related elements used in detailed transcription.

Example

```xml
<l>
  <del rend="overtyped">Mein</del> Frisch
  <del rend="overstrike" type="primary">schwebt</del>
  weht der Wind
</l>
```

Example

```xml
<del rend="overstrike">
  <gap reason="illegible" quantity="5"
       unit="character"/>
</del>
```

Content model

```xml
<content>
```
Schema Declaration

```
<macroRef key="macro.paraContent"/>
</content>
```

```
<desc>
(description) contains a brief description of the object documented by its parent element, typically a documentation element or an entity. [22.4.1. Description of Components]
</desc>
```

```
<element del{
at.global.attributes,
att.transcriptional.attributes,
att.typed.attributes,
macro.paraContent}
```

```
module="core"
ident="teiCorpus"
validUntil="2027-10-20">
<desc versionDate="2017-02-07"
xml:lang="en">contains the whole of a TEI encoded corpus, comprising a single corpus header and one or more <gi>TEI</gi> elements, each containing a single text header and a text.</desc>
<desc type="deprecationInfo"
xml:lang="en">The <gi>TEI</gi> element is now permitted to nest directly within a <gi>TEI</gi> element. Thus the recommended encoding of a corpus is to use <gi>TEI</gi> with a <att>type</att> of <val>corpus</val> as the outermost element of a set of TEI documents that are to be treated as a single corpus.</desc>
```

Member of model.descLike model.labelLike

Contained by
core: add del desc gap graphic head hi item l lg list listBibl note p q ref stage title unclear
derived-module-tei_tite: b i smcap sub sup ul
figures: cell figure
linking: ab seg
textstructure: argument body div1 div2 div3 div4 div5 div6 div7 docEdition epigraph postscript salute signed titlePart trailer
May contain

- abbr
- address
- bib
- cit
- date
- desc
- email
- foreign
- hi
- label
- list
- listBibl
- name
- num
- ptr
- ref
- stage
- time
- title

derived-module-tei_tite:
- b
- i
- ornament
- smcap
- sub
- sup
- ul

figures:
- table

textstructure:
- floatingText

character data

Note When used in a specification element such as `<elementSpec>`, TEI convention requires that this be expressed as a finite clause, beginning with an active verb.

Example

```xml
<desc> contains a brief description of the purpose and intended use of a documentation element, or a brief characterisation of a parent entity </desc>
```

Schematron A `<desc>` with a type of deprecationInfo should only occur when its parent element is being deprecated. Furthermore, it should always occur in an element that is being deprecated when `<desc>` is a valid child of that element.

```xml
<sch:rule context="tei:desc[ @type eq 'deprecationInfo']">  
<sch:assert test="../@validUntil">Information about a deprecation should only be present in a specification element that is being deprecated: that is, only an element that has a @validUntil attribute should have a child `<desc` type="deprecationInfo">.</sch:assert> </sch:rule>
```

Content model

```xml
<content>  
<macroRef key="macro.limitedContent"/>  
</content>
```

Schema Declaration

```xml
element desc  
{  
att.global.attributes,  
attribute type { text }?,  
macro.limitedContent}  
```

<div1> (level-1 text division) contains a first-level subdivision of the front, body, or back of a text. [4.1.2. Numbered Divisions]

Module textstructure

Attributes

- att.global ( @xml:id, @n, @xml:lang, @xml:space)
- (att.global.rendition ( @rend, @style))
- (att.global.linking ( @corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select))
- (att.global.facs ( @facs))
- (att.global.change ( @change))
- (att.global.responsibility ( @cert, @resp))
- (att.global.source ( @source))
- att.typed ( @type)

Member of model.div1Like

Contained by textstructure:  
- back
- body
- front

May contain

- bib
- ch
- cit
- desc
- gap
- head
- label
- lb
- lg
- list
- listBibl
- milestone
- note
- p
- pb
- q
- sp
- stage
B  FORMAL SPECIFICATION

derived-module-tei_tite:  colShift  ornament
figures:  figure  table
linking:  ab

textstructure:  argument  byline  closer  dateline  div2  docAuthor  docDate  epigraph
            floatingText  opener  postscript  salute  signed  trailer

Note: any sequence of low-level structural elements, possibly grouped into lower subdivisions.

Example

```xml
<div1 xml:id="levi" n="I" type="part">
  <head>Part I: Of Man </head>
  <div2 xml:id="levi1" n="1" type="chapter">
    <head>Chap. I. Of Sense </head>
    <p>Concerning the Thoughts of man... </p>
  </div2>
</div1>

<div1 xml:id="levii" n="II" type="part">
  <head>Part II: Of Common-Wealth</head>
</div1>

Content model

```xml
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divTop"/>
      <classRef key="model.global"/>
    </alternate>
    <sequence minOccurs="0">
      <alternate>
        <sequence minOccurs="1" maxOccurs="unbounded">
          <classRef key="model.div2Like"/>
          <classRef key="model.divGenLike"/>
        </alternate>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </sequence>
  </sequence>
</content>
```
<div2>

```
<classRef key="model.global"
  minOccurs="0" maxOccurs="unbounded"/>
</sequence>
</sequence>
</sequence>
</content>
```

**Schema Declaration**

```
<element div1
  {
    att.global.attributes,
    att.typed.attributes,
    {
      ( model.divTop | model.global )*,
      {
        ( ( model.div2Like | model.divGenLike ), model.global* )+
        |
        ( model.common, model.global* )+,
        ( ( model.div2Like | model.divGenLike ), model.global* )* )
      ),
      ( model.divBottom, model.global* )*
    }?
  }
}
```

<div2> (level-2 text division) contains a second-level subdivision of the front, body, or back of a text. [4.1.2. Numbered Divisions]

**Module** textstructure

**Attributes**

- `att.global` (@xml:id, @n, @xml:lang, @xml:space)
- `att.global.rendition` (@rend, @style)
- `att.global.linking` (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- `att.global.facs` (@facs)
- `att.global.change` (@change)
- `att.global.responsibility` (@cert, @resp)
- `att.global.source` (@source)
- `att.typed` (@type)

**Member of** model.div2Like

**Contained by**

textstructure: div1

**May contain**

core: bibl ch cit desc gap head label lb lg list listBibl milestone note p pb q sp stage
derived-module-tei_tite: colShift ornament

**figures:**
figure table
ingling: a

**Note** any sequence of low-level structural elements, possibly grouped into lower subdivisions.

**Example**

41
The Second Partition: The Cure of Melancholy

Unlawful Cures rejected.

Inveterate melancholy, howsoever it may seem to be a continue, inexorable disease, hard to be cured, accompanying them to their graves most part (as Montanus observes), yet many times it may be helped...

Content model

```xml
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divTop"/>
      <classRef key="model.global"/>
    </alternate>
    <sequence minOccurs="0">
      <alternate minOccurs="1" maxOccurs="unbounded">
        <classRef key="model.div3Like"/>
        <classRef key="model.divGenLike"/>
      </alternate>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <sequence minOccurs="1" maxOccurs="unbounded">
      <classRef key="model.common"/>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <sequence minOccurs="0" maxOccurs="unbounded">
      <alternate>
        <classRef key="model.div3Like"/>
        <classRef key="model.divGenLike"/>
      </alternate>
      <classRef key="model.global"/>
    </sequence>
  </sequence>
</content>
```
<div3>

<alternate>
  <classRef key="model.global"
    minOccurs="0" maxOccurs="unbounded"/>
</alternate>
<sequence minOccurs="0" maxOccurs="unbounded">
  <classRef key="model.divBottom"/>
</sequence>
</sequence>
</alternate>
</sequence>
</sequence>
</sequence>
</content>

Schema Declaration

element div2
{
  att.global.attributes, 
  att.typed.attributes,
  {
    ( model.divTop | model.global )*,
    {
      ( ( model.div3Like | model.divGenLike ), model.global* )+
      |
      ( model.common, model.global* )+,
      ( ( model.div3Like | model.divGenLike ), model.global* )* 
    },
    (model.divBottom, model.global* )*
  }
}

<div3> (level-3 text division) contains a third-level subdivision of the front, body, or back of a text. [4.1.2. Numbered Divisions]

Module textstructure

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global/linking (@corresp, @synch,
  @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global/facs (@facs))
  (att.global/change (@change)) (att.global/responsibility (@cert, @resp))
  (att.global/source (@source)) att.typed (@type)

Member of model.div3Like

Contained by: div2

May contain:

core: bibl cb cit desc gap head | label lb lg list listBibl milestone note p pb q sp stage
derived-module-tei_tite: colShift ornament
figures: figure table
linking: ab
Note any sequence of low-level structural elements, possibly grouped into lower subdivisions.

**Example**

```xml
<div2 n="2.2" type="section">
  <div3 n="2.2.1" type="member">
    <head>Sect. II. Memb. I</head>
    <p/>
  </div3>
  <div3 n="2.2.2" type="member">
    <head>Memb. II Retention and Evacuation rectified.</head>
    <p/>
  </div3>
  <div3 n="2.2.3" type="member">
    <head>Memb. III Ayr rectified. With a digression of the Ayr.</head>
    <p/>
  </div3>
</div2>
```

**Content model**

```xml
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divTop"/>
      <classRef key="model.global"/>
    </alternate>
    <sequence minOccurs="0">
      <alternate minOccurs="1" maxOccurs="unbounded">
        <classRef key="model.div4Like"/>
        <classRef key="model.divGenLike"/>
      </alternate>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <sequence>
      <sequence minOccurs="1" maxOccurs="unbounded">
        <classRef key="model.common"/>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
      <sequence minOccurs="0" maxOccurs="unbounded">
        <alternate>
          <classRef key="model.div4Like"/>
          <classRef key="model.divGenLike"/>
        </alternate>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </sequence>
  </sequence>
</content>
```
<div4>

```xml
<sequence>
  <sequence>
    <sequence>
      <content>
        <classRef key="model.global"
          minOccurs="0" maxOccurs="unbounded"/>
      </content>
    </sequence>
    <sequence>
    </sequence>
  </sequence>
</sequence>
</sequence>
</sequence>
</sequence>
</div4>

Schema Declaration

element div3
{
  att.global.attributes,
  att.typed.attributes,
  {
    ( model.divTop | model.global )*,
    {
      ( ( model.div4Like | model.divGenLike ), model.global* )+
      | {
        ( model.common, model.global* )+,
        ( model.div4Like | model.divGenLike ), model.global* )*
      }
    },
    ( model.divBottom, model.global* )*?
  }
}

<div4> (level-4 text division) contains a fourth-level subdivision of the front, body, or back of a text. [4.1.2. Numbered Divisions]

Module textstructure

Attributes

 att.global (@xml:id, @n, @xml:lang, @xml:space)
    att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
    @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
    att.global.change (@change)) (att.global.responsibility (@cert, @resp))
    att.global.source (@source)) att.typed (@type)

Member of model.div4Like

Contained by
textstructure:  div3

May contain
core:  bibl  cb  cit  desc  gap  head  label  lb  lg  list  listBibl  milestone  note  p  pb  q  sp  stage
derived-module-tei_tite:  colShift  ornament
figures:  figure  table
linking:  ab
textstructure:  argument  byline  closer  dateline  div5  docAuthor  docDate  epigraph
 floatingText  opener  postscript  salute  signed  trailer

Note any sequence of low-level structural elements, possibly grouped into lower subdivisions.

Example
Sect. II. Memb. I

Subsect I. — Dyet rectified in substance.

Diet, term xml:lang="grc">diaitotiku</term>, term xml:lang="la">victus</term> or living

Subsect II. — Dyet rectified in quantity.

Man alone, saith Cardan, eates and drinks without appetite, and useth all his pleasures without necessity.

Content model

<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divTop"/>
      <classRef key="model.global"/>
    </alternate>
    <sequence minOccurs="0">
      <alternative>
        <sequence minOccurs="1" maxOccurs="unbounded">
          <alternate>
            <classRef key="model.div5Like"/>
            <classRef key="model.divGenLike"/>
          </alternate>
          <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
        </sequence>
      </alternative>
      <sequence minOccurs="1" maxOccurs="unbounded">
        <classRef key="model.common"/>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </sequence>
    <sequence minOccurs="0" maxOccurs="unbounded">
      <alternate>
        <sequence minOccurs="0" maxOccurs="unbounded">
          <classRef key="model.div5Like"/>
          <classRef key="model.divGenLike"/>
        </alternate>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </sequence>
    <sequence/>
  </sequence>
</content>

46
Schema Declaration

```xml
<doc5>

</content>

Schema Declaration

```xml
element div4
{
    att.global.attributes,
    att.typed.attributes,
    (
        ( model.divTop | model.global )*,
        {
            ( ( model.div5Like | model.divGenLike ), model.global* )+
            |
            ( model.common, model.global* )+,  
            ( ( model.div5Like | model.divGenLike ), model.global* )*  
        },
    )?
}
</doc5>

<doc5> (level-5 text division) contains a fifth-level subdivision of the front, body, or back of a text. [4.1.2. Numbered Divisions]

Module textstructure

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
    (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
    (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
    (att.global.source (@source)) att.typed (@type)

Member of model.div5Like

Contained by textstructure: div4

May contain core: bibl cb cit desc gap head label lb lg list listBibl milestone note p pb q sp stage

derived-module-tei_tite: colShift ornament

figures: figure table

linking: ab

textstructure: argument byline closer dateline div6 docAuthor docDate epigraph floatingText opener postscript salute signed trailer

Note any sequence of low-level structural elements, possibly grouped into lower subdivisions.

Example

```xml
<div2 type="chapter">
  <head>Recipes</head>
  <head>Chapter VI.</head>
  <div3>
    <head>Fruit and vegetable soups</head>
    <p>...</p>
</div2>
```
<div4 type="recipe">
  <head>Stocks for all kinds of soups</head>
  <div5 type="recipe">
    <head>Rich strong stock</head>
  </div5>
  <div5 type="recipe">
    <head>Medium Stock</head>
  </div5>
</div4>

<div4 type="recipe">
  <head>Apple soup</head>
  <div5 type="recipe">
    <head>Ingredients</head>
    <list>
      <item>2 lbs. of good boiling apples,</item>
      <item>3/4 teaspoonful of white pepper,</item>
      <item>6 cloves,</item>
      <item>cayenne or ginger to taste,</item>
      <item>3 quarts of medium stock</item>
    </list>
  </div5>
  <div5 type="recipe">
    <head>Mode</head>
    <p>Peel and quarter the apples taking out their cores; put them into
the stock, stew them gently till tender, Rub the whole through a
strainer, add the seasoning. give it one boil up, and serve.</p>
  </div5>
  <div5 type="recipe">
    <head>Time</head>
    <p>1 hour.</p>
  </div5>
  <div5 type="recipe">
    <head>Average cost</head>
    <p>per quart, 1s.</p>
  </div5>
  <div5 type="recipe">
    <head>Seasonable</head>
    <p>from September to December.</p>
  </div5>
  <div5 type="recipe">
    <head>Sufficient</head>
    <p>for 10 persons</p>
  </div5>
  <div5 type="recipe">
    <head>The apple</head>
    <p>This useful fruit is mentioned in Holy Writ; and Homer describes it
as valuable in his time... As a food, the apple cannot be
considered
to rank high, as more than the half of it consists of water, and
the rest of its properties are not the most nourishing. It is
however a useful adjunct to other kinds of food, and, when
cooked, is
esteemed as slightly laxative.</p>
  </div5>
</div4>
Content model

```xml
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divTop"/>
      <classRef key="model.global"/>
    </alternate>
    <sequence minOccurs="0" maxOccurs="unbounded">
      <alternate minOccurs="1" maxOccurs="unbounded">
        <classRef key="model.div6Like"/>
        <classRef key="model.divGenLike"/>
      </alternate>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <sequence minOccurs="0" maxOccurs="unbounded">
      <sequence minOccurs="1" maxOccurs="unbounded">
        <classRef key="model.common"/>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
      <sequence minOccurs="0" maxOccurs="unbounded">
        <alternate minOccurs="0" maxOccurs="unbounded">
          <classRef key="model.div6Like"/>
          <classRef key="model.divGenLike"/>
        </alternate>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </sequence>
  </sequence>
</content>
```

Schema Declaration

```python
element div5
{
  att.global.attributes,
  att.typed.attributes,
  ( model.divTop | model.global )*,
  ( 
```
(level-6 text division) contains a sixth-level subdivision of the front, body, or back of a text. [4.1.2. Numbered Divisions]

Module textstructure

Attributes Attributes att.global ( @xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition ( @rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs ( @facs))
(att.global.change ( @change)) (att.global.responsibility ( @cert, @resp))
(att.global.source ( @source)) att.typed ( @type)

Member of model.div6Like

Contained by
textstructure: div5

May contain
core: bibl cb ct desc gap head lb lg list listBibl milestone note pb pbq sp stage
derived-module-tei_tite: colShift ornament

figures: figure table

linking: ab

textstructure: argument byline closer dateline div7 docAuthor docDate epigraph
floatingText opener postscript salute signed trailer

Note any sequence of low-level structural elements, possibly grouped into lower subdivisions.

Example

```xml
<div2 type="chapter">
  <head>Recipes</head>
  <head>Chapter VI.</head>
  <div3>
    <head>Fruit and vegetable soups</head>
    <p>...</p>
    <div4>
      <head>Stocks for all kinds of soups</head>
      <div5 type="recipe">
        <head>Rich strong stock</head>
        <div6>
          <head>Ingredients</head>
          <list>
            <item>4 lbs of shin of beef,</item>
            <item>4 lbs of knuckle of veal,</item>
          </list>
          <!-- ... -->
          <item>4 quarts of water</item>
        </div6>
      </div5>
    </div4>
  </div3>
</div2>
```
Line a delicately clean stewpan... Strain through a very fine hair sieve, or tammy, and it will be fit for use.

5 hours.

1s 3d. per quart.

Medium Stock

Content model

```xml
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divTop"/>
      <classRef key="model.global"/>
    </alternate>
    <sequence minOccurs="0">
      <alternate>
        <sequence minOccurs="1" maxOccurs="unbounded">
          <classRef key="model.div7Like"/>
          <classRef key="model.divGenLike"/>
        </alternate>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
      <sequence>
        <sequence minOccurs="1" maxOccurs="unbounded">
          <classRef key="model.common"/>
          <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
        </sequence>
        <sequence minOccurs="0" maxOccurs="unbounded">
          <alternate>
            <classRef key="model.div7Like"/>
            <classRef key="model.divGenLike"/>
          </alternate>
          <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
        </sequence>
      </sequence>
    </sequence>
  </sequence>
</content>
```
<sequence minOccurs="0" maxOccurs="unbounded">
    <classRef key="model.divBottom"/>
    <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
</sequence>
</sequence>
</sequence>
</content>

Schema Declaration

```
<element div6 {
    att.global.attributes,
    att.typed.attributes,
    {
        ( model.divTop | model.global )*,
        {
            ( ( model.div7Like | model.divGenLike ), model.global* )+
            | {
                ( model.common, model.global* )+, 
                ( ( model.div7Like | model.divGenLike ), model.global* )* 
            } 
        },
        ( model.divBottom, model.global* )* 
    }?
}
```

**<div7>** (level-7 text division) contains the smallest possible subdivision of the front, body or back of a text, larger than a paragraph. [4.1.2. Numbered Divisions]

**Module textstructure**

Attributes

- att.global (@xml:id, @n, @xml:lang, @xml:space)
- (att.global.rendition (@rend, @style))
- (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select))
- (att.global.facs (@facs))
- (att.global.change (@change))
- (att.global.responsibility (@cert, @resp))
- (att.global.source (@source))
- att.typed (@type)

**Member of** model.div7Like

**Contained by** textstructure: div6

**May contain**

- core: bibl, ch, cit, desc, gap, head, label, lb, lg, list, listBibl, milestone, note, p, pb, q, sp, stage
- derived-module-tei_tite: colShift, ornament

**figures:** figure, table

**linking:** ab

**textstructure:** argument, byline, closer, dateline, docAuthor, docDate, epigraph, floatingText, opener, postscript, salute, signed, trailer

**Note** any sequence of low-level structural elements, e.g., paragraphs (<p>), lists (<list>), or examples (<eg> or <egXML>).

**Example**
<div type="chapter">
<head>Recipes</head>
<head>Chapter VI.</head>
<div type="chapter">
<head>Fruit and vegetable soups</head>
<p>...</p>
<div type="recipe">
<head>Stocks for all kinds of soups</head>
<div type="recipe">
<head>Asparagus soup</head>
<header>Asparagus soup</header>
<altRecipe>
<header>In. I.</header>
<altRecipe>
<header>Ingredients</header>
<list>
<item> ...</item>
</list>
<header>Mode</header>
<p>Put the beef, cut into pieces and rolled in flour, into a stewpan...</p>
</altRecipe>
<header>II.</header>
<altRecipe>
<header>Ingredients</header>
<list>
<item> ...</item>
</list>
<header>Mode</header>
<p>Boil the peas, and rub them through a sieve; add the gravy...</p>
</altRecipe>
</altRecipe>
</div>
</div>
</div>

Content model

<content>
<sequence>
<alternate minOccurs="0"
maxOccurs="unbounded">
<classRef key="model.divTop"/>
<classRef key="model.global"/>
</alternate>
<sequence minOccurs="0">
<sequence minOccurs="1"
maxOccurs="unbounded">
<classRef key="model.common"/>
<classRef key="model.global"/>
</sequence>
<sequence minOccurs="0"
maxOccurs="unbounded">
<classRef key="model.divBottom"/>
</sequence>
</sequence>
</content>
B  FORMAL SPECIFICATION

```xml
<classRef key="model.global"
  minOccurs="0" maxOccurs="unbounded"/>
</sequence>
</sequence>
</sequence>
</content>
```

**Schema Declaration**

```xml
element div7
{
  att.global.attributes,
  att.typed.attributes,
  {
    ( model.divTop | model.global )*,
    ( ( model.common, model.global* )+, ( model.divBottom, model.global* )* )*?
  }
}
```

**<docAuthor>** (document author) contains the name of the author of the document, as given on the title page (often but not always contained in a byline). [4.6. Title Pages]

**Module** textstructure

**Attributes**

- `att.global` (@xml:id, @m, @xml:lang, @xml:space)
- `att.global.rendition` (@rend, @style)
- `att.global.linking` (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- `att.global.facs` (@facs)
- `att.global.change` (@change)
- `att.global.responsibility` (@cert, @resp)
- `att.global.source` (@source)

**Member of**

- `model.divWrapper`
- `model.pLike.front`
- `model.titlepagePart`

**Contained by**

- `core: lg list`
- `figures: figure table`
- `textstructure: back body byline div1 div2 div3 div4 div5 div6 div7 front group titlePage`

**May contain**

- `core: abbr add address cb cit date del email foreign gap graphic hi lb milestone name note num pb ptr q ref time title unclear`
- `derived-module-teri_tite: b colShift i smcap sub sup ul`
- `figures: figure formula`
- `gaiji: g`
- `linking: seg`
- `textstructure: floatingText`
- `transcr: handShift`

**Note** The document author’s name often occurs within a byline, but the `<docAuthor>` element may be used whether the `<byline>` element is used or not. It should be used only for the author(s) of the entire document, not for author(s) of any subset or part of it. (Attributions of authorship of a subset or part of the document, for example of a chapter in a textbook or an article in a newspaper, may be encoded with `<byline>` without `<docAuthor>`.)

**Example**
Content model

```xml
<content>
  <macroRef key="macro.phraseSeq"/>
</content>
```

Schema Declaration

```xml
element docAuthor { att.global.attributes, macro.phraseSeq }
```

**docDate**  (document date) contains the date of a document, as given on a title page or in a dateline. [4.6. Title Pages]

**Module** textstructure

**Attributes**
- `@xml:id`
- `@n`
- `@xml:lang`
- `@xml:space`
- `@rend`
- `@style`
- `@corresp`
- `@synch`
- `@sameAs`
- `@copyOf`
- `@next`
- `@prev`
- `@exclude`
- `@select`
- `@facs`
- `@cert`
- `@resp`
- `@source`

**@when** gives the value of the date in standard form, i.e. YYYY-MM-DD.

**Status** Optional

**Datatype** `teidata.temporal.w3c`

**Note** For simple dates, the `@when` attribute should give the Gregorian or proleptic Gregorian date in one of the formats specified in XML Schema Part 2: Datatypes Second Edition.

**Member of** model.divWrapper model.pLike.front model.titlepagePart

**Contained by**
- core: lg list
- figures: figure table
- textstructure: back body dateline div1 div2 div3 div4 div5 div6 div7 docImprint front group titlePage

**May contain**
- core: abbr add address cite date del email foreign gap graphic hi lb milestone name note num pb ptr q ref time title unclear
- derived-module-tei_tite: b colShift i smcap sub sup ul
- figures: figure formula
gaiji: ％
- linking: seg
- textstructure: floatingText
- transcr: handShift

55
character data

Note Cf. the general <date> element in the core tag set. This specialized element is provided for convenience in marking and processing the date of the documents, since it is likely to require specialized handling for many applications. It should be used only for the date of the entire document, not for any subset or part of it.

Example

<docImprint>Oxford, Clarendon Press, <docDate>1987</docDate>
</docImprint>

Content model

```xml
<content>
<macroRef key="macro.phraseSeq"/>
</content>
```

Schema Declaration

```xml
<docEdition>

Module textstructure

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs)) (att.global.change (@change)) (att.global.responsibility (@cert, @resp)) (att.global.source (@source))

Member of model.pLike.front model.titlePagePart

Contained by
textstructure: back front titlePage

May contain
core: abbr add address bibl cb cit date die desc email foreign gap graphic hi label lb lg list listBibl milestone name note num pb ptr q ref stage time title unclear
derived-module-tei_tite: b colShift i ornament smcap sub sup ul
figures: figure formula table
gaiji: g
linking: seg
textstructure: floatingText
transcr: handShift

character data

Note Cf. the <edition> element of bibliographic citation. As usual, the shorter name has been given to the more frequent element.

Example
Content model

```xml
<content>
  <macroRef key="macro.paraContent"/>
</content>
```

Schema Declaration

```xml
element docEdition { att.global.attributes, macro.paraContent }
```

### `<docImprint>`

(document imprint) contains the imprint statement (place and date of publication, publisher name), as given (usually) at the foot of a title page. [4.6. Title Pages]

**Module** textstructure

**Attributes**

<table>
<thead>
<tr>
<th>Attributes</th>
<th>att.global (@xml:id, @n, @xml:lang, @xml:space)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs)) (att.global.change (@change)) (att.global.responsibility (@cert, @resp)) (att.global.source (@source))</td>
</tr>
</tbody>
</table>

**Member of** model.pLike.front model.titlePagePart

**Contained by**

<table>
<thead>
<tr>
<th>textstructure</th>
<th>back</th>
<th>front</th>
<th>titlePage</th>
</tr>
</thead>
</table>

**May contain**

<table>
<thead>
<tr>
<th>core</th>
<th>abbr</th>
<th>add</th>
<th>address</th>
<th>cb</th>
<th>date</th>
<th>del</th>
<th>email</th>
<th>foreign</th>
<th>gap</th>
<th>graphic</th>
<th>hi</th>
<th>lb</th>
<th>milestone</th>
<th>name</th>
<th>note</th>
<th>num</th>
<th>pb</th>
<th>ptr</th>
<th>pubPlace</th>
<th>publisher</th>
<th>ref</th>
<th>time</th>
<th>title</th>
<th>unclear</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**derived-module-tei_tite:**

<table>
<thead>
<tr>
<th>b</th>
<th>colShift</th>
<th>i</th>
<th>smcap</th>
<th>sub</th>
<th>sup</th>
<th>ul</th>
</tr>
</thead>
</table>

**figures:**

<table>
<thead>
<tr>
<th>figure</th>
<th>formula</th>
</tr>
</thead>
</table>

**gaiji:**

<table>
<thead>
<tr>
<th>g</th>
</tr>
</thead>
</table>

**linking:**

<table>
<thead>
<tr>
<th>seg</th>
</tr>
</thead>
</table>

**textstructure:**

<table>
<thead>
<tr>
<th>docDate</th>
</tr>
</thead>
</table>

**transcr:**

<table>
<thead>
<tr>
<th>handShift</th>
</tr>
</thead>
</table>

**character data**

**Note**

Cf. the `<imprint>` element of bibliographic citations. As with title, author, and editions, the shorter name is reserved for the element likely to be used more often.

**Example**

```xml
```

Imprints may be somewhat more complex:

```xml
<docImprint>
  <pubPlace>London</pubPlace>
  Printed for <name>E. Nutt</name>, at
  <pubPlace>Royal Exchange</pubPlace>;
  <name>J. Roberts</name> in
  <pubPlace>wick-Lane</pubPlace>;
</docImprint>
```
<name>A. Dodd</name> without <pubPlace>Temple-Bar</pubPlace>; and <name>J. Graves</name> in <pubPlace>St. James's-street.</pubPlace> <date>1722.</date>
</docImprint>

**Content model**

```xml
<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <textNode/>
    <classRef key="model.gLike"/>
    <classRef key="model.phrase"/>
    <elementRef key="pubPlace"/>
    <elementRef key="docDate"/>
    <elementRef key="publisher"/>
    <classRef key="model.global"/>
  </alternate>
</content>
```

**Schema Declaration**

```xml
element docImprint {
  att.global.attributes, {
    text
    | model.gLike | model.phrase | pubPlace | docDate | publisher | model.global
  }
}
```

**<docTitle>** (document title) contains the title of a document, including all its constituents, as given on a title page. [4.6. Title Pages]

**Module textstructure**

**Attributes**

- `att.global` 
  - `xml:id` 
  - `n` 
  - `xml:lang` 
  - `xml:space`
  - `att.global.rendition` 
    - `@rend` 
    - `@style`
  - `att.global.linking` 
    - `@corresp` 
    - `@synch`
  - `att.global.change` 
    - `@change`
  - `att.global.facs` 
    - `@facs`
  - `att.global.responsibility` 
    - `@cert`
    - `@resp`
  - `att.global.source` 
    - `@source`

**Member of**

- `model.pLike.front`
- `model.titlePagePart`

**Contained by**

- `textstructure`: `back` `front` `titlePage`

**May contain**

- `cb` `gap` `lb` `milestone` `note` `pb`

**derived-module-tei_tite: colShift**

**figures: figure**

**textstructure: titlePart**

**Example**

```xml
<docTitle>
  <titlePart type="main">The DUNCIAD, VARIOURVM.</titlePart>
</docTitle>
```
<editor>

<titlePart type="sub">WITH THE PROLEGOMENA of SCRIBLERUS.</titlePart>
</docTitle>

Content model

```xml
<content>
  <sequence>
    <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    <sequence minOccurs="1" maxOccurs="unbounded">
      <elementRef key="titlePart"/>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
  </sequence>
</content>
```

Schema Declaration

```xml
element docTitle
{
  att.global.attributes,
  ( model.global*, ( titlePart, model.global* )+ )
}
```

<editor> contains a secondary statement of responsibility for a bibliographic item, for example the name of an individual, institution or organization, (or of several such) acting as editor, compiler, translator, etc. [3.11.2.2. Titles, Authors, and Editors]

Module core

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
  @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
  (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
  (att.global.source (@source))

Member of model.respLike

Contained by bib

May contain

core: abbr add address cb cit date del email foreign gap graphic hi lb milestone name
  note num pb ptr q ref time title unclear

derived-module-tee_tite: b colShift i smcap sub sup ul

figures: figure formula
gaiji: g

linking: seg

textstructure: FloatingText

transcr: handShift

character data

Note A consistent format should be adopted.
Particularly where cataloguing is likely to be based on the content of the header, it is advisable to use generally recognized authority lists for the exact form of personal names.

**Example**

```xml
<editor role="Technical_Editor">Ron Van den Branden</editor>
<editor role="Editor-in-Chief">John Walsh</editor>
<editor role="Managing_Editor">Anne Baillot</editor>
```

### Content model

```xml
<content>
  <macroRef key="macro.phraseSeq"/>
</content>
```

### Schema Declaration

```xml
element editor { att.global.attributes, macro.phraseSeq }
```

**Email** (electronic mail address) contains an email address identifying a location to which email messages can be delivered. [3.5.2. Addresses]

**Module core**

**Attributes**

- `att.global` (@xml:id, @n, @xml:lang, @xml:space)
- `att.global.rendition` (@rend, @style)
- `att.global.linking` (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- `att.global.facs` (@facs)
- `att.global.change` (@change)
- `att.global.source` (@source)

**Member of** model.addressLike

**Contained by**

- `core`: abbr, add, addrLine, author, bibl, date, del, desc, editor, email, foreign, head, hi, item, label, name, note, num, p, pubPlace, publisher, q, ref, resp, speaker, stage, time, title, unclear

**May contain**

- `core`: abbr, add, address, cb, cit, date, del, email, foreign, gap, graphic, hi, lb, milestone, name, note, num, pb, ptr, q, ref, time, title, unclear

**Figure**

- `figures`: figure, formula

**Gaiji**

- `gaiji`: g

**Linking**

- `linking`: seg

**Text structure**

- `textstructure`: floatingText

**Transcribers**

- `transcr`: handShift

**Character data**

**Note**

The format of a modern Internet email address is defined in RFC 2822

**Example**
<epigraph>

'email'.membership@tei-c.org</'

Content model

<content>
  <macroRef key="macro.phraseSeq"/>
</content>

Schema Declaration

element email { att.global.attributes, macro.phraseSeq }

<epigraph> contains a quotation, anonymous or attributed, appearing at the start or end of a section or on a title page. 4.2.3. Arguments, Epigraphs, and Postscripts 4.2. Elements Common to All Divisions 4.6. Title Pages

Module textstructure
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space) (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs)) (att.global.change (@change)) (att.global.responsibility (@cert, @resp)) (att.global.source (@source))

Member of model.divWrapper model.pLike.front model.titlepagePart

Contained by core: lg list

figures: figure table
textstructure: back body div1 div2 div3 div4 div5 div6 div7 front group opener titlePage

May contain core: bibl cb cit desc gap l label lb lg list listBibl milestone note p pb q sp stage
derived-module-tei_title: colShift ornament

figures: figure table

linking: ab
textstructure: floatingText

Example

<epigraph xml:lang="la">
  <cit>
    <bibl>Lucret.</bibl>
    <quote>
      <l part="F">petere inde coronam,</l>
      <l>Vnde prius nulli velarint tempora Musae.</l>
    </quote>
  </cit>
</epigraph>

Content model

<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <classRef key="model.common"/>
    <classRef key="model.global"/>
  </alternate>
</content>
<figure> groups elements representing or containing graphic information such as an illustration, formula, or figure. [14.4. Specific Elements for Graphic Images]

Module figures

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source)) att.typed (@type) att.written (@hand)

Member of model.global

Contained by

core: abbr add addrLine address author bibl cit date del editor email foreign head hi
item label lg list name note num p pubPlace publisher q ref resp sp speaker stage
time title unclear
derived-module-tei_tite: b i smcap sub sup ul

figures: cell figure table

linking: ab seg
textstructure: argument back body byline closer dateline div1 div2 div3 div4 div5 div6
div7 docAuthor docDate docEdition docImprint docTitle epigraph floatingText front
group opener postscript salute signed text titlePage titlePart trailer

May contain

core: bibl cb cit desc gap graphic head l label lb lg list listBibl milestone note p ph q sp
stage

derived-module-tei_tite: colShift ornament

figures: figure formula table

linking: ab
textstructure: argument byline closer dateline docAuthor docDate epigraph floatingText

postscript salute signed trailer

Example

<figure>
<head>The View from the Bridge</head>
<figDesc>A Whistleresque view showing four or five sailing boats in the
foreground, and a
series of buoys strung out between them.</figDesc>
<graphic url="http://www.example.org/fig1.png"
scale="0.5"/>
</figure>

Content model

<content>
<alternate minOccurs="0"
maxOccurs="unbounded">
<floatingText>

Schema Declaration

element figure
{
  att.global.attributes,
  att.typed.attributes,
  att.written.attributes,
  {
    model.headLike | model.common | figDesc | model.graphicLike | model.global | model.divBottom
  }
}

<floatingText> contains a single text of any kind, whether unitary or composite, which interrupts the text containing it at any point and after which the surrounding text resumes. [4.3.2. Floating Texts]

Module textstructure

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source))

att.typed (@type)

Member of model.qLike

Contained by

core: abbr add addrLine author cit del desc editor email foreign head hi item | label name note num p pubPlace publisher q ref sp speaker stage title unclear
derived-module-tei_title: b i smcap sub sup ul
figures: cell figure
linking: ab seg
textstructure: argument body div1 div2 div3 div4 div5 div6 div7 docAuthor docDate
docEdition epigraph postscript salute signed titlePart trailer

May contain

core: cb gap lb milestone note pb
derived-module-tei_title: colShift
figures: figure
textstructure: back body front group

Note A floating text has the same content as any other <text> and may thus be interrupted by another floating text, or contain a <group> of tesselated texts.

Example

<body>
  <div type="scene">
    <sp>
  </div>
</body>
B FORMAL SPECIFICATION

Hush, the players begin...

In Athens our tale takes place [...]

Now that the play is finished ...

Content model

Schema Declaration

element floatingText
{
    att.global.attributes,
    att.typed.attributes,
    ( model.global*,
        ( front, model.global* )?,
        ( body | group ),
        model.global*,
        ( back, model.global* )?
    )
}
<foreign> identifies a word or phrase as belonging to some language other than that of the surrounding text. [3.3.2.1. Foreign Words or Expressions]

Module: core
Attributes:
- `att.global` (@xml:id, @n, @xml:lang, @xml:space)
- `att.global.rendition` (@rend, @style)
- `att.global.linking` (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- `att.global.facs` (@facs)
- `att.global.change` (@change)
- `att.global.responsibility` (@cert, @resp)
- `att.global.source` (@source)

Member of: model.emphLike

Contained by:
core: abbr, add, addrLine, author, bibl, date, del, desc, editor, email, foreign, head, hi, item, label, name, note, num, p, pubPlace, publisher, ref, resp, speaker, stage, time, title, unclear

derived-module-tei_tite: b, i, smcap, sub, sup, ul

figures: cell

linking: ab, seg

textstructure: byline, closer, dateline, docAuthor, docDate, docEdition, docImprint, opener, salute, signed, titlePart, trailer

May contain:
core: abbr, add, address, cb, cit, date, del, email, foreign, gap, graphic, hi, lb, milestone, name, note, num, pb, ptr, q, ref, time, title, unclear

derived-module-tei_tite: b, colShift, i, smcap, sub, sup, ul

figures: figure, formula

gaiji: 𒖇

linking: seg

textstructure: floatingText

transcr: handShift

character data

Note: The global `xml:lang` attribute should be supplied for this element to identify the language of the word or phrase marked. As elsewhere, its value should be a language tag as defined in 6.1. Language Identification.

This element is intended for use only where no other element is available to mark the phrase or words concerned. The global `xml:lang` attribute should be used in preference to this element where it is intended to mark the language of the whole of some text element.

The `<distinct>` element may be used to identify phrases belonging to sublanguages or registers not generally regarded as true languages.

Example

This is heathen Greek to you still? Your `<foreign xml:lang="la">lapis philosophicus</foreign>`?

Content model

```
<content>
  <macroRef key="macro.phraseSeq"/>
</content>
```

Schema Declaration
element foreign { att.global.attributes, macro.phraseSeq }

<num:math notation="tex">$E=mc^2$</num:math>

Example

<num:math notation="none">E=mc<hi rend="sup">2</hi></num:math>

Example

<num:math notation="mathml">
  <m:math>
    <m:mi>E</m:mi>
    <m:mo>=</m:mo>
    <m:mi>mc</m:mi>
    <m:msup>
      <m:mrow><m:mi>c</m:mi></m:mrow>
      <m:mrow><m:mn>2</m:mn></m:mrow>
    </m:msup>
  </m:math>
</num:math>

Example
<front>

Content model

```
<content>
<alternate minOccurs="0" maxOccurs="unbounded">
  <textNode/>
  <classRef key="model.graphicLike"/>
  <classRef key="model.hiLike"/>
</alternate>
</content>
```

Schema Declaration

```
<front>
<alternate minOccurs="0" maxOccurs="unbounded">
  <textNode/>
  <classRef key="model.graphicLike"/>
  <classRef key="model.hiLike"/>
</alternate>
</front>
```

<front> (front matter) contains any prefatory matter (headers, abstracts, title page, prefaces, dedications, etc.) found at the start of a document, before the main body. [4.6. Title Pages 4. Default Text Structure]

Module textstructure

Attributes

- `att.global.attributes`
- `att.global.rendition (@rend, @style)`
- `att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)`
- `att.global.facs (@facs)`
- `att.global.change (@change)`
- `att.global.responsibility (@cert, @resp)`
- `att.global.source (@source)`

Contained by: floatingText text

May contain: cb gap head lb listBibl milestone note p pb

derived-module-(tei_title):.colShift

figures: figure

linking: ab

textstructure: argument byline closer dateline div1 docAuthor docDate docEdition docImprint docTitle epigraph postscript salute signed titlePage titlePart trailer

Note Because cultural conventions differ as to which elements are grouped as front matter and which as back matter, the content models for the <front> and <back> elements are identical.

Example

```
<front>
  <epigraph>
    <quote>Nam Sibyllam quidem Cumis ego ipse oculis meis vidi in ampulla
    pendere, et cum illi pueri dicerent: "q xml:lang="gr">Σίβυλλα θέλω</q>
    "q xml:lang="gr">θέλεις</q>; respondebat illa: "q xml:lang="gr">μοι θέλειν θέλειν</q>
  </quote>
  </epigraph>
  <p>For Ezra Pound "q xml:lang="it">il miglior fabbro."</p>
</front>
```
Example

<front>
  <div type="dedication">
    <p>To our three selves</p>
  </div>
  <div type="preface">
    <head>Author's Note</head>
    <p>All the characters in this book are purely imaginary, and if the author has used names that may suggest a reference to living persons she has done so inadvertently. ...</p>
  </div>
</front>

Example

<front>
  <div type="abstract">
    <div>
      <head>BACKGROUND:</head>
      <p>Food insecurity can put children at greater risk of obesity because of altered food choices and nonuniform consumption patterns.</p>
    </div>
    <div>
      <head>OBJECTIVE:</head>
      <p>We examined the association between obesity and both child-level food insecurity and personal food insecurity in US children.</p>
    </div>
    <div>
      <head>DESIGN:</head>
      <p>Data from 9,701 participants in the National Health and Nutrition Examination Survey, 2001-2010, aged 2 to 11 years were analyzed. Child-level food insecurity was assessed with the US Department of Agriculture's Food Security Survey Module based on eight child-specific questions. Personal food insecurity was assessed with five additional questions. Obesity was defined, using physical measurements, as body mass index (calculated as kg/m2) greater than or equal to the age- and sex-specific 95th percentile of the Centers for Disease Control and Prevention growth charts. Logistic regressions adjusted for sex, race/ethnic group, poverty level, and survey year were conducted to describe associations between obesity and food insecurity.</p>
    </div>
    <div>
      <head>RESULTS:</head>
      <p>Obesity was significantly associated with personal food insecurity for children aged 6 to 11 years (odds ratio=1.81; 95% CI 1.33 to 2.48), but not in children aged 2 to 5 years (odds ratio=0.88; 95% CI 0.51 to 1.51). Child-level food insecurity was not associated with obesity among 2- to 5-year-olds or 6- to 11-year-olds.</p>
    </div>
    <div>
      <head>CONCLUSIONS:</head>
      <p>Personal food insecurity is associated with an increased risk of obesity only in children aged 6 to 11 years. Personal food-insecurity measures may give different results than aggregate scores.</p>
    </div>
  </div>
</front>
food-insecurity measures in children.</p>
</div>
</div>
</front>

Content model

Schema Declaration

element front
{
  att.global.attributes,
  ( ( model.frontPart | model.pLike | model.pLike.front | model.global )| ( model.div1Like, ( model.div1Like | model.frontPart | model.global )| model.divBottom, ( model.divBottom | model.frontPart | model.global )| model.global )*
(character or glyph) represents a glyph, or a non-standard character. [5. Characters, Glyphs, and Writing Modes]

Module gaiji

Attributes

- att.global (@xml:id, @n, @xml:lang, @xml:space)
- att.global.rendition (@rend, @style)
- att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- att.global.facs (@facs)
- att.global.change (@change)
- att.global.responsibility (@cert, @resp)
- att.global.source (@source)
- att.typed (@type)

Member of model.gLike

Contained by

- core:
  - abbr
  - add
  - addrLine
  - author
  - bibl
  - date
  - del
  - editor
  - email
  - foreign
  - head
  - hi
  - item
  - label
  - name
  - note
  - num
  - p
  - pubPlace
  - publisher
  - q
  - ref
  - speaker
  - stage
  - time
  - title
  - unclear

- derived-module-tei_tite:
  - b
  - i
  - smcap
  - sub
  - sup
  - ul

- figures:
  - cell

- linking:
  - ab
  - seg

- textstructure:
  - byline
  - closer
  - dateline
  - docAuthor
  - docDate
  - docEdition
  - docImprint
  - opener
  - salute
  - signed
  - titlePart
  - trailer

May contain Character data only

Note The name g is short for gaiji, which is the Japanese term for a non-standardized character or glyph.

Example

```xml
<g ref="#ctlig">ct</g>
```

This example points to a `<glyph>` element with the identifier `ctlig` like the following:

```xml
<glyph xml:id="ctlig">
  <!-- here we describe the particular ct-ligature intended -->
</glyph>
```

Example

```xml
<g ref="#per-glyph">per</g>
```

The medieval brevigraph per could similarly be considered as an individual glyph, defined in a `<glyph>` element with the identifier `per-glyph` as follows:

```xml
<glyph xml:id="per-glyph">
  <!-- ... -->
</glyph>
```
<gap> indicates a point where material has been omitted in a transcription, whether for editorial reasons described in the TEI header, as part of sampling practice, or because the material is illegible, invisible, or inaudible. \[3.4.3. Additions, Deletions, and Omissions\]

Attributes

- `@reason` gives the reason for omission

Status

- Optional

Datatype

- 1–∞ occurrences of `teidata.enumerated` separated by whitespace

Suggested values include:

- cancelled
- deleted
- editorial for features omitted from transcription due to editorial policy
- illegible
- inaudible
- irrelevant
- sampling

Member of

- `model.global.edit`
deliberately erased or covered, should be indicated using the relevant tags, such as
<del/> in the case of deliberate deletion.

Example

<gap quantity="4" unit="chars"
reason="illegible"/>

Example

<gap quantity="1" unit="essay"
reason="sampling"/>

Example

<del>
  <gap atLeast="4" atMost="8" unit="chars"
reason="illegible"/>
</del>

Example

<gap extent="several lines" reason="lost"/>

Content model

<content>
  <alternate minOccurs="0"
    maxOccurs="unbounded">
    <classRef key="model.descLike"/>
    <classRef key="model.certLike"/>
  </alternate>
</content>

Schema Declaration

element gap
{
  att.global.attributes,
  att.timed.attributes,
  attribute reason
  {
    list
    {
      ("cancelled"
      |"deleted"
      |"editorial"
      |"illegible"
      |"inaudible"
      |"irrelevant"
      |"sampling"
      )+
    }?,
    ( model.descLike | model.certLike )*
<graphic> indicates the location of a graphic or illustration, either forming part of a text, or providing an image of it. [3.9. Graphics and Other Non-textual Components 11.1. Digital Facsimiles]

Module core
Attributes Attributes
att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source)) att.resourced (@url)

Member of model.graphicLike model.titlepagePart

Contained by core: abbr add addrLine author date del editor email foreign head hi item label name note num p pubPlace publisher q ref speaker stage time title unclear
derived-module-tei_tite: b i smcap sub sup ul
figures: cell figure formula table
linking: ab seg
textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener salute signed titlePage titlePart trailer

May contain core: desc

Note The mimeType attribute should be used to supply the MIME media type of the image specified by the url attribute.

Within the body of a text, a <graphic> element indicates the presence of a graphic component in the source itself. Within the context of a <facsimile> or <sourceDoc> element, however, a <graphic> element provides an additional digital representation of some part of the source being encoded.

Example

```xml
<figure>
  <graphic url="fig1.png"/>
  <head>Figure One: The View from the Bridge</head>
  <figDesc>A Whistleresque view showing four or five sailing boats in the foreground, and a series of buoys strung out between them.</figDesc>
</figure>
```

Example

```xml
<facsimile>
  <surfaceGrp n="leaf1">
    <surface>
      <graphic url="page1.png"/>
    </surface>
    <surface>
      <graphic url="page2-highRes.png"/>
      <graphic url="page2-lowRes.png"/>
    </surface>
  </surfaceGrp>
</facsimile>
```

Content model

```xml
<content>
  <classRef key="model.descLike" minOccurs="0" maxOccurs="unbounded"/>
</content>
```
### B FORMAL SPECIFICATION

#### Schema Declaration

```xml
element graphic
{
    att.global.attributes,
    att.resourced.attributes,
    model.descLike*
}
```

**<group>** contains the body of a composite text, grouping together a sequence of distinct texts (or groups of such texts) which are regarded as a unit for some purpose, for example the collected works of an author, a sequence of prose essays, etc. [4. Default Text Structure 4.3.1. Grouped Texts 15.1. Varieties of Composite Text]

**Module textstructure**

**Attributes**

- `att.global (xml:id, @n, xml:lang, xml:space)`
- `att.global.rendition (@rend, @style)`
- `att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)`
- `att.global.facs (@facs)`
- `att.global.change (@change)`
- `att.global.responsibility (@cert, @resp)`
- `att.global.source (@source)`
- `att.typed (@type)`

**Contained by**

- `textstructure`: floatingText group text

**May contain**

- `core`: ch gap head lb milestone note pb

**derived-module-tei_tite**: colShift

**figures**: figure

**textstructure**: argument byline closer dateline docAuthor docDate epigraph group opener postscript salute signed text trailer

**Example**

```xml
<text>
<!-- Section on Alexander Pope starts -->
<br>
<!-- biographical notice by editor -->
</br>
<!-- first poem -->
</text>
<br>
<!-- second poem -->
</text>
</group>
</text>
<!-- end of Pope section-->
```

**Content model**

```xml
<content>
<sequence>
<alternate minOccurs="0" maxOccurs="unbounded">
```

74
<handShift>

Schema Declaration

element group
{
  att.global.attributes,
  att.typed.attributes,
  ( (model.divTop | model.global)*,
    ( (text | group ), (text | group | model.global)* ),
    model.divBottom*)
}

<handShift> marks the beginning of a sequence of text written in a new hand, or the beginning of a scribal stint. [11.3.2.1. Document Hands]

Module transer

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
  @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facis (@facs))
  (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
  (att.global.source (@source))

@new indicates a <handNote> element describing the hand concerned.

Status Recommended

Datatype teidata.pointer

Note This attribute serves the same function as the hand attribute provided for those elements which are members of the att.transcriptional class. It may be renamed at a subsequent major release.

Member of model.pPart.transcriptional

Contained by core: abbr add addrLine author bibl date del editor email foreign head hi item label
  name note num p pubPlace publisher q ref speaker stage time title unclear
derived-module-tei_tite: b i smcap sub sup ul
May contain: Empty element

Note: The `<handShift>` element may be used either to denote a shift in the document hand (as from one scribe to another, or on one writing style to another). Or, it may indicate a shift within a document hand, as a change of writing style, character or ink. Like other milestone elements, it should appear at the point of transition from some other state to the state which it describes.

Example

```xml
<l>When wolde the cat dwelle in his ynne</l>
<handShift medium="greenish-ink"/>
<l>And if the cattes skyne be slyk <handShift medium="black-ink"/> and gaye</l>
```

Content model: `<content> <empty/></content>`

Schema Declaration
```
<element handShift { att.global.attributes, attribute new { text }?, empty }
```

The `<head>` element contains any type of header, for example the title of a section, or the heading of a list, glossary, manuscript description, etc. [4.2.1. Headings and Trailers]

Module: core

Attributes: `att.global` (@xml:id, @n, @xml:lang, @xml:space)

- `att.global.rendition` (@rend, @style)
- `att.global.linking` (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- `att.global.change` (@change)
- `att.global.source` (@source)

Attributes: `att.typed` (@type)

Attributes: `att.written` (@hand)

May contain: core: `<abbr add address bibl cb cit date desc email foreign gap graphic hi l label lb lg list listBibl milestone name note num pb pnt q ref stage time title unclear

Note: The `<head>` element is used for headings at all levels; software which treats (e.g.) chapter headings, section headings, and list titles differently must determine the
proper processing of a `<head>` element based on its structural position. A `<head>` occurring as the first element of a list is the title of that list; one occurring as the first element of a `<div>` is the title of that chapter or section.

**Example** The most common use for the `<head>` element is to mark the headings of sections. In older writings, the headings or *incipits* may be rather longer than usual in modern works. If a section has an explicit ending as well as a heading, it should be marked as a `<trailer>`, as in this example:

```xml
<div1 n="I" type="book">
  <head>In the name of Christ here begins the first book of the ecclesiastical history of Georgius Florentinus, known as Gregory, Bishop of Tours.</head>
  <div2 type="section">
    <head>In the name of Christ here begins Book I of the history.</head>
    <p>Proposing as I do ...</p>
    <p>From the Passion of our Lord until the death of Saint Martin four hundred and twelve years passed.</p>
    <trailer>Here ends the first Book, which covers five thousand, five hundred and ninety-six years from the beginning of the world down to the death of Saint Martin.</trailer>
  </div2>
</div1>
```

**Example.** When headings are not inline with the running text (see e.g. the heading "Secunda conclusio") they might however be encoded as if. The actual placement in the source document can be captured with the *place* attribute:

```xml
<div type="subsection">
  <head place="margin">Secunda conclusio</head>
  <p>
    <lb n="1251"/>
    <hi rend="large">Potencia: habitus: et actus: recipiunt speciem ab obiectis</hi>
    <supplied>.
    </supplied>
    <lb n="1252"/>Probatur sic. Omne importans necessariam habitudinem ad proprium [...] |
  </p>
</div>
```

**Example** The `<head>` element is also used to mark headings of other units, such as lists:

```xml
<list rend="bulleted">
  <item>Connectives</item>
  <item>above</item>
  <item>accordingly</item>
  <item>across from</item>
  <item>adjacent to</item>
  <item>again</item>
  <!-- ... -->
</list>
```

**Content model**

```xml
<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    ... ...
  </alternate>
</content>
```
Schema Declaration

```
<element head {
   att.global.attributes, 
   att.typed.attributes, 
   att.written.attributes, 
   ( 
      text | lg | model.gLike | model.phrase | model.inter | model.lLike | model.global )*
}
```

**<hi>** (highlighted) marks a word or phrase as graphically distinct from the surrounding text, for reasons concerning which no claim is made. [3.3.2.2. Emphatic Words and Phrases](#) 3.3.2. Emphasis, Foreign Words, and Unusual Language

**Module core**

Attributes: att.global (@xml:id, @n, @xml:lang, @xml:space)
   (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
   (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
   (att.global.source (@source))
   att.written (@hand)

Member of model.hiLike

Contained by:

core: abbr add addrLine author bibl date del desc editor email foreign head hi item i 
   label name note num p pb pubPlace publisher q ref resp speaker stage time title unclear
derived-module-tei_tite: b br smcap sub sup ul

figures: cell formula

linking: ab seg

textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener 
   salute signed titlePart trailer

May contain:

core: abbr add address bibl cb cit date del desc email foreign gap graphic hi i 
   label lb lg 
   list listBibl milestone name note num pb ptr q ref stage time title unclear
derived-module-tei_tite: b colShift i ornament smcap sub sup ul

figures: figure formula table

gaiji: g

linking: seg

textstructure: floatingText

transcr: handShift
Example

<hi rend="gothic">And this Indenture further witnesseth</hi>
that the said <hi rend="italic">Walter Shandy</hi>, merchant,
in consideration of the said intended marriage ...

Schema Declaration

```xml
element hi { att.global.attributes, att.written.attributes, macro.paraContent }
```

<i>(italics) for capturing typographical feature: italicized glyphs.

Namespace http://www.tei-c.org/ns/tite/1.0

Module derived-module-tei_tite

Attributes

- att.global: @xml:id, @n, @xml:lang, @xml:space
- att.global.rendition (@rend, @style)
- att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- att.global.facets (@facs)
- att.global.change (@change)
- att.global.responsibility (@cert, @resp)
- att.global.source (@source)

Member of model.hiLike

Contained by

- core: abbr, add, addrLine, author, bibl, date, del, desc, editor, email, foreign, head, hi, item, label, name, note, num, p, pubPlace, publisher, q, ref, resp, speaker, stage, time, title, unclear
- derived-module-tei_tite: b, i, smcap, sub, sup, ul
- figures: cell, formula
- linking: ab, seg
- textstructure: byline, closer, dateline, docAuthor, docDate, docEdition, docImprint, opener, salute, signed, titlePart, trailer

May contain

- core: abbr, add, address, bibl, cb, cit, date, del, desc, email, foreign, gap, graphic, hi, label, lb, lg, list, listBibl, milestone, name, note, num, pb, ptr, q, ref, stage, time, title, unclear
- derived-module-tei_tite: b, colShift, i, ornament, smcap, sub, sup, ul
- figures: figure, formula, table
- gaiji: げ
- linking: seg
- textstructure: floatingText
- transcr: handShift

Content model

```xml
<content>
<macroRef key="macro.paraContent"/>
</content>
```
<item> contains one component of a list. 3.7. Lists 2.6. The Revision Description

Module core
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
   (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
   @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
   (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
   (att.global.source (@source)) att.sortable (@sortKey)

Contained by
   core: list
   May contain
   core: abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb lg
   list listBibl milestone name note num pb ptr q ref sp stage time title unclear
   derived-module-ten_tite: b colShift i ornament smcap sub sup ul
   figures: figure formula table
   gaiji: 𒐪
   linking: ab seg
   textstructure: floatingText
   transcr: handShift
       character data

Note May contain simple prose or a sequence of chunks.

Whatever string of characters is used to label a list item in the copy text may be
used as the value of the global n attribute, but it is not required that numbering be
recorded explicitly. In ordered lists, the n attribute on the <item> element is by
definition synonymous with the use of the <label> element to record the enumerator
of the list item. In glossary lists, however, the term being defined should be given
with the <label> element, not n.

Example

<list rend="numbered">
   <head>Here begin the chapter headings of Book IV</head>
   <item n="4.1">The death of Queen Clotild.</item>
   <item n="4.2">How King Lothar wanted to appropriate one third of the
   Church revenues.</item>
   <item n="4.3">The wives and children of Lothar.</item>
   <item n="4.4">The Counts of the Bretons.</item>
   <item n="4.5">Saint Gall the Bishop.</item>
   <item n="4.6">The priest Cato.</item>
   <item> ...</item>
</list>

Content model

<content>
   <macroRef key="macro.specialPara"/>
Schema Declaration

```
<content>

Schema Declaration

element item
{
  att.global.attributes,
  att.sortable.attributes,
  macro.specialPara}

</content>

(verse line) contains a single, possibly incomplete, line of verse.

Module core

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global/linking, @corresp, @synch,
@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global/facs (@facs))
(att.global/change (@change)) (att.global/responsibility (@cert, @resp))
(att.global/source (@source))

Member of model.ILike

Contained by

core:  add del head hi item lg note p q ref sp stage title unclear

figures:  cell figure

linking:  ab seg

textstructure:  argument body div1 div2 div3 div4 div5 div6 div7 docEdition epigraph

postscript salute signed signed titlePart trailer

May contain

core:  abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb list

listBibl milestone name note num pb ptr q ref stage time title unclear

derived-module-tei_tite:  b colShift i ornament smcap sub sup ul

figures:  figure formula table

gaiji:  g

linking:  seg

textstructure:  floatingText

transcr:  handShift

character data

Example

<l met="x/x/x/x/x/" real="/xx/x/x/x/">Shall I compare thee to a summer’s day?</l

Schematron <s:report test="ancestor::tei:l[not(.//tei:note//tei:l[. = current()])]">Abstract model violation: Lines may not contain lines or lg elements. </s:report>

Content model

```
<content>
<alternate minOccurs="0" maxOccurs="unbounded">
  <TextNode/>
</content>

81
Schema Declaration

```
<schema>
  <element l
  {     
    att.global.attributes,
    ( text | model.gLike | model.phrase | model.inter | model.global )*
  }
</schema>
```

`,<label> contains any label or heading used to identify part of a text, typically but not exclusively in a list or glossary. [3.7. Lists]

Module core

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
        (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
        (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
        (att.global.source (@source)) att.typed (@type) att.written (@hand)

Member of model.labelLike

Contained by

core: add del desc head hi item lg list note p q ref stage title unclear
derived-module-tei_tite: b i smcap sub sup ul
figures: cell figure
linking: ab seg
textstructure: argument body div1 div2 div3 div4 div5 div6 div7 docEdition epigraph postscript salute signed titlePart trailer

May contain

core: abbr add address cb cit date del email foreign gap graphic hi lb milestone name note num pb ptr q ref time title unclear
derived-module-tei_tite: b colShift i smcap sub sup ul
figures: figure formula
gaiji: g
linking: seg
textstructure: floatingText
transcr: handShift

character data

Example: Labels are commonly used for the headwords in glossary lists; note the use of the global xml:lang attribute to set the default language of the glossary list to Middle English, and identify the glosses and headings as modern English or Latin:

```
<list type="gloss" xml:lang="enm">
  <head xml:lang="en">Vocabulary</head>
  <headLabel xml:lang="en">Middle English</headLabel>
  <headItem xml:lang="en">New English</headItem>
</list>
```
Example Labels may also be used to record explicitly the numbers or letters which mark list items in ordered lists, as in this extract from Gibbon’s *Autobiography*. In this usage the `<label>` element is synonymous with the `n` attribute on the `<item>` element:

```xml
<list rend="runon" type="ordered">
  <label>(1)</label>
  <item>My first rough manuscript, without any intermediate copy, has been sent to the press.</item>
  <label>(2)</label>
  <item>Not a sheet has been seen by any human eyes, excepting those of the author and the printer: the faults and the merits are exclusively my own.</item>
</list>
```

Example Labels may also be used for other structured list items, as in this extract from the journal of Edward Gibbon:

```xml
<list type="gloss">
  <label>March 1757.</label>
  <item>I wrote some critical observations upon Plautus.</item>
  <label>March 8th.</label>
  <item>I wrote a long dissertation upon some lines of Virgil.</item>
  <label>June.</label>
  <item>I saw Mademoiselle Curchod – <quote xml:lang="la">Omnia vincit amor, et nos cedamus amori.</quote></item>
  <label>August.</label>
</list>
```
Note that the `<label>` might also appear within the `<item>` rather than as its sibling. Though syntactically valid, this usage is not recommended TEI practice.

**Example** Labels may also be used to represent a label or heading attached to a paragraph or sequence of paragraphs not treated as a structural division, or to a group of verse lines. Note that, in this case, the `<label>` element appears within the `<p>` or `<lg>` element, rather than as a preceding sibling of it.

In this example the text of the label appears in the right hand margin of the original source, next to the paragraph it describes, but approximately in the middle of it. If so desired the `type` attribute may be used to distinguish different categories of label.

**Content model**

```xml
<content>
<macroRef key="macro.phraseSeq"/>
</content>
```

**Schema Declaration**

```xml
element label {
  att.global.attributes,
  att.typed.attributes,
  att.written.attributes,
  macro.phraseSeq}
```

**<lb>** (line beginning) marks the beginning of a new (typographic) line in some edition or version of a text. [3.10.3. Milestone Elements 7.2.5. Speech Contents]
May contain Empty element

Note By convention, <lb> elements should appear at the point in the text where a new line starts. The n attribute, if used, indicates the number or other value associated with the text between this point and the next <lb> element, typically the sequence number of the line within the page, or other appropriate unit. This element is intended to be used for marking actual line breaks on a manuscript or printed page, at the point where they occur; it should not be used to tag structural units such as lines of verse (for which the <l> element is available) except in circumstances where structural units cannot otherwise be marked.

The type attribute may be used to characterize the line break in any respect. The more specialized attributes break, ed, or edRef should be preferred when the intent is to indicate whether or not the line break is word-breaking, or to note the source from which it derives.

Example This example shows typographical line breaks within metrical lines, where they occur at different places in different editions:

<l>Of Mans First Disobedience,<lb ed="1674"/> and<lb ed="1667"/> the Fruit</l>
<l>Of that Forbidden Tree, whose<lb ed="1667 1674"/> mortal tast</l>
<l>Brought Death into the World,<lb ed="1667"/> and all<lb ed="1674"/> our woe,</l>

Example This example encodes typographical line breaks as a means of preserving the visual appearance of a title page. The break attribute is used to show that the line break does not (as elsewhere) mark the start of a new word.

<titlePart>
<lb>With Additions, ne.<lb break="no"/>ver before Printed.</lb>
</titlePart>

Content model <content> <empty/></content>

Schema Declaration

```xml
<lb> { att.global.attributes, att.typed.attributes, empty } 
```

(line group) contains one or more verse lines functioning as a formal unit, e.g. a stanza, refrain, verse paragraph, etc. 3.12.1. Core Tags for Verse 3.12. Passages of Verse or Drama 7.2.5. Speech Contents
\[
\text{(att.global.change \((@change)\)) (att.global.responsibility \((@cert, @resp)\))} \\
\text{(att.global.source \((@source)\)) att.typed \((@type)\)}
\]

Member of macro.paraContent model.divPart

Contained by

core: add del head hi item note p q ref sp stage title unclear

derived-module-tei_tite: b i smcap sub sup ul

figures: cell figure

linking: ab seg

textstructure: argument body div1 div2 div3 div4 div5 div6 div7 docEdition epigraph postscript salute signed titlePart trailer

May contain

core: cb desc gap head label lb lg milestone note pb ph stage

derived-module-tei_tite: colShift

figures: figure

textstructure: argument byline closer dateline docAuthor docDate epigraph opener postscript salute signed trailer

Note contains verse lines or nested line groups only, possibly prefixed by a heading.

Example

\begin{verbatim}
<lg type="free">
  <l>Let me be my own fool</l>
  <l>of my own making, the sum of it</l>
</lg>

<lg type="free">
  <l>is equivocal.</l>
  <l>One says of the drunken farmer:</l>
</lg>

<lg type="free">
  <l>leave him lay off it. And this is</l>
  <l>the explanation.</l>
</lg>
\end{verbatim}

Schematron

\begin{verbatim}
<s:assert test="count(descendant::tei:lg|descendant::tei:l|descendant::tei:gap) > 0">An lg element must contain at least one child l, lg, or gap element.</s:assert>
\end{verbatim}

\begin{verbatim}
<s:report test="ancestor::tei:l[not(.//tei:note//tei:lg[. = current()])]">Abstract model violation: Lines may not contain line groups.</s:report>
\end{verbatim}

Content model

\begin{verbatim}
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divTop"/>
      <classRef key="model.global"/>
    </alternate>
    <alternate>
      <classRef key="model.lLike"/>
      <classRef key="model.stageLike"/>
      <classRef key="model.labelLike"/>
      <elementRef key="lg"/>
    </alternate>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.lLike"/>
    </alternate>
  </sequence>
</content>
\end{verbatim}
contains any sequence of items organized as a list.  

**Attributes** Attributes \( \text{att.global} \) \((@xml:id, @n, @xml:lang, @xml:space)\) \( \text{att.typed} \) \((@rend, @style)\) \((@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)\) \((@facs)\) \((@change)\) \((@cert, @resp)\) \((@source)\) \(\text{att.sortable} \) \((@sortKey)\) 

**Datatype** \texttt{teidata.enumerated}\n
**Suggested values include:** gloss each list item glosses some term or concept, which is given by a \(<\text{label}>\) element preceding the list item. 

index each list item is an entry in an index such as the alphabetical topical index at the back of a print volume. 

instructions each list item is a step in a sequence of instructions, as in a recipe. 

litany each list item is one of a sequence of petitions, supplications or invocations, typically in a religious ritual. 

syllogism each list item is part of an argument consisting of two or more propositions and a final conclusion derived from them. 

**Note** Previous versions of these Guidelines recommended the use of \texttt{type} on \(<\text{list}>\) to encode the rendering or appearance of a list (whether
it was bulleted, numbered, etc.). The current recommendation is to use the *rend* or *style* attributes for these aspects of a list, while using *type* for the more appropriate task of characterizing the nature of the content of a list.

*Note* The formal syntax of the element declarations allows `<label>` tags to be omitted from lists tagged `<list type="gloss">`; this is however a semantic error.

**Member of** model.listLike

**Contained by**
core:  add del desc head hi item lb note p q ref sp stage title unclear
derived-module-tei_tite:  b s mcap sub sup ul

**figures:**  cell figure

**linking:**  ab seg

**textstructure:**  argument back body div1 div2 div3 div4 div5 div6 div7 docEdition epigraph postscript salute signed titlePart trailer

**May contain**
core:  cb desc gap head item label lb milestone note pb
derived-module-tei_tite:  colShift

**figures:**  figure

**textstructure:**  argument byline closer dateline docAuthor docDate epigraph opener postscript salute signed trailer

*Note* May contain an optional heading followed by a series of items, or a series of label and item pairs, the latter being optionally preceded by one or two specialized headings.

**Example**

```xml
<list rend="numbered">
  <item>a butcher</item>
  <item>a baker</item>
  <item>a candlestick maker, with
    <list rend="bulleted">
      <item>rings on his fingers</item>
      <item>bells on his toes</item>
    </list>
  </item>
</list>
```

**Example**

```xml
<list type="syllogism" rend="bulleted">
  <item>All Cretans are liars.</item>
  <item>Epimenides is a Cretan.</item>
  <item>ERGO Epimenides is a liar.</item>
</list>
```

**Example**

```xml
<list type="litany" rend="simple">
  <item>God save us from drought.</item>
  <item>God save us from pestilence.</item>
  <item>God save us from wickedness in high places.</item>
  <item>Praise be to God.</item>
</list>
```

**Example** The following example treats the short numbered clauses of Anglo-Saxon legal codes as lists of items. The text is from an ordinance of King Athelstan (924-939):
Concerning thieves. First, that no thief is to be spared who is caught with the stolen goods, [if he is] over twelve years and [if the value of the goods is] over eightpence.

And if anyone does spare one, he is to pay for the thief with his wergild — and the thief is to be no nearer a settlement on that account — or to clear himself by an oath of that amount.

If, however, he [the thief] wishes to defend himself or to escape, he is not to be spared [whether younger or older than twelve].

If a thief is put into prison, he is to be in prison 40 days, and he may then be redeemed with 120 shillings; and the kindred are to stand surety for him that he will desist for ever.

And if he steals after that, they are to pay for him with his wergild, or to bring him back there.

And if he steals after that, they are to pay for him with his wergild, whether to the king or to him to whom it rightly belongs; and everyone of those who supported him is to pay 120 shillings to the king as a fine.

Concerning lordless men. And we pronounced about these lordless men, from whom no justice can be obtained, that one should order their kindred to fetch back such a person to justice and to find him a lord in public meeting.

And if they then will not, or cannot, produce him on that appointed day, he is then to be a fugitive afterwards, and he who encounters him is to strike him down as a thief.

And he who harbours him after that, is to pay for him with his wergild or to clear himself by an oath of that amount.

Concerning the refusal of justice. The lord who refuses justice and upholds his guilty man, so that the king is appealed to, is to repay the value of the goods and 120 shillings to the king; and he who appeals to the king before he demands justice as often as he ought, is to pay the same fine as the other would have done, if he had refused him justice.

And the lord who is an accessory to a theft by his slave, and it becomes

89
known about him, is to forfeit the slave and be liable to his wergild on the first occasion; if he does it more often, he is to be liable to pay all that he owns.

And likewise any of the king's treasurers or of our reeves, who has been an accessory of thieves who have committed theft, is to liable to the same.

Concerning treachery to a lord. And we have pronounced concerning treachery to a lord, that he [who is accused] is to forfeit his life if he cannot deny it or is afterwards convicted at the three-fold ordeal.

Note that nested lists have been used so the tagging mirrors the structure indicated by the two-level numbering of the clauses. The clauses could have been treated as a one-level list with irregular numbering, if desired.

Example

These decrees, most blessed Pope Hadrian, we propounded in the public council ... and they confirmed them in our hand in your stead with the sign of the Holy Cross, and afterwards inscribed with a careful pen on the paper of this page, affixing thus the sign of the Holy Cross.

I, Eanbald, by the grace of God archbishop of the holy church of York, have subscribed to the pious and catholic validity of this document with the sign of the Holy Cross.

I, Ælfwold, king of the people across the Humber, consenting have subscribed with the sign of the Holy Cross.

I, Tilberht, prelate of the church of Hexham, rejoicing have subscribed with the sign of the Holy Cross.

I, Higbald, bishop of the church of Lindisfarne, obeying have subscribed with the sign of the Holy Cross.

I, Ethelbert, bishop of Candida Casa, suppliant, have subscribed with the sign of the Holy Cross.

I, Ealdwulf, bishop of the church of Mayo, have subscribed with devout will.

I, Æthelwine, bishop, have subscribed through delegates.

I, Sicga, patrician, have subscribed with serene mind with the sign of the Holy Cross.

Schematron

The content of a "gloss" list should include a sequence
of one or more pairs of a label element followed by an item element</sch:assert>
</sch:rule>

Content model

```
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divTop"/>
      <classRef key="model.global"/>
      <elementRef key="desc" minOccurs="0" maxOccurs="unbounded"/>
    </alternate>
    <sequence minOccurs="1" maxOccurs="unbounded">
      <elementRef key="item"/>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <sequence>
      <elementRef key="headLabel" minOccurs="0"/>
      <elementRef key="headItem" minOccurs="0"/>
      <sequence minOccurs="1" maxOccurs="unbounded">
        <elementRef key="label"/>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
        <elementRef key="item"/>
        <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </sequence>
    <sequence minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divBottom"/>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
  </sequence>
</content>
```

Schema Declaration

```
element list
{
    att.global.attributes,
    att.sortable.attributes,
    attribute type
    {
        "gloss" | "index" | "instructions" | "litany" | "syllogism"
    },
    ( model.divTop | model.global | desc* )*,
    ( item, model.global* )+ |
    headLabel?,
    headItem?,
```
<listBibl> (citation list) contains a list of bibliographic citations of any kind. 3.11.1. Methods of Encoding Bibliographic References and Lists of References 2.2.7. The Source Description 15.3.2. Declarable Elements

Module core
Attributes

att.global ( @xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition ( @rend, @style)) (att.global.linking ( @corresp, @synch,
@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs ( @facs))
(att.global.change ( @change)) (att.global.responsibility ( @cert, @resp))
(att.global.source ( @source)) att.sortable ( @sortKey) att.declarable ( @default)
attributed ( @type)

Member of model.biblLike model.frontPart

Contained by
core: add cit del desc head hi item listBibl note p q ref stage title unclear

derived-module-tei_title: b i smcap sub sup ul

textstructure: argument back body div1 div2 div3 div4 div5 div6 div7 docEdition
epigraph front postscript salute signed titlePart trailer

May contain
core: bibl cb desc head lb listBibl milestone pb

derived-module-tei_title: colShift

Example

<listBibl>
  <head>Works consulted</head>
  <bibl>Blain, Clements and Grundy: Feminist Companion to Literature in English (Yale, 1990)
</bibl>
</listBibl>

Content model

<content>
<milestone> marks a boundary point separating any kind of section of a text, typically but not necessarily indicating a point at which some part of a standard reference system changes, where the change is not represented by a structural element. [3.10.3. Milestone Elements]

Module core

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
att.global.rendition (@rend, @style)) att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) att.global.facs (@fac)
att.global.change (@change)) att.global.responsibility (@cert, @resp))
att.global.source (@source)) att.milestoneUnit (@unit) att.typed (@type)

Member of model.milestoneLike

Contained by:
core: abbr add addrLine address author bibl cit date del editor email foreign head hi item lab label lg list listBibl name note num p pubPlace publisher q ref resp sp speaker stage time title unclear
derived-module-tei_tite: b i smcap sub sup ul
figures: cell figure table
linking: ab seg
May contain Empty element

Note For this element, the global n attribute indicates the new number or other value for the unit which changes at this milestone. The special value unnumbered should be used in passages which fall outside the normal numbering scheme, such as chapter or other headings, poem numbers or titles, etc.
The order in which <milestone> elements are given at a given point is not normally significant.

Example

<milestone n="23" ed="La" unit="Dreissiger"/>
... <milestone n="24" ed="AV" unit="verse"/> ...

Content model <content> <empty/></content>

Schema Declaration

element milestone
{  
  att.global.attributes,
  att.milestoneUnit.attributes,
  att.typed.attributes,
  empty
}

<namet>(name, proper noun) contains a proper noun or noun phrase. 3.5.1. Referring Strings

Module core

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
( att.global.rendition (@rend, @style)) ( att.global.linking (@corresp, @synch,
@sameAs, @copyOf, @next, @prev, @exclude, @select)) ( att.global.facs (@facs))
( att.global.change (@change)) ( att.global.responsibility (@cert, @resp))
( att.global.source (@source)) att.personal (@full, @sort) att.datable (@calendar)
( att.datable.w3c (@when, @from, @to)) att.typed (@type)

Member of model.nameLike.agent

Contained by core: abbr add addrLine address author bibl date del desc editor email foreign
d head hi item label name note num p pubPlace publisher q ref resp respStmt speaker stage
time unclear
derived-module-tei_tite: b i smcap sub sup ul

figures: cell

linking: ab seg
textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener salutesigned titlePart trailer

May contain core: abbr add address cb cit date del email foreign gap graphic hi lb milestone name
note num pb ptr q ref time title unclear
derived-module-tei_tite: b colShift i smcap sub sup ul
Proper nouns referring to people, places, and organizations may be tagged instead with `<persName>`, `<placeName>`, or `<orgName>`, when the TEI module for names and dates is included.

Example

```xml
<name type="person">Thomas Hoccleve</name>
<name type="place">Villingaholt</name>
<name type="org">Vetus Latina Institut</name>
<name type="person" ref="#HOC001">Occleve</name>
```

Content model

```xml
<content>
  <macroRef key="macro.phraseSeq"/>
</content>
```

Module core

Attributes Attributes `att.global` (@xml:id, @n, @xml:lang, @xml:space)

Attributes `att.global.rendition` (@rend, @style)) (att.global.linking (@corresp, @synch,

@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))

(att.global.change (@change)) (att.global.responsibility (@cert, @resp))

(att.global.source (@source)) att.pointing (@targetLang, @target) att.typed (@type)

(att.written (@hand))

Member of model.noteLike

Contained by

core: abbr add addrLine address author bibl cit date del editor email foreign head

item label lg list name note num p pubPlace publisher q ref resp resStmt sp

speaker stage time title unclear

derived-module-tei_title: b i smcap sub sup ul

figures: cell figure table

linking: ab seg
May contain

Example In the following example, the translator has supplied a footnote containing an explanation of the term translated as "painterly":

And yet it is not only in the great line of Italian renaissance art, but even in the painterly<br/> \textit{Malerisch}. This word has, in the German, two distinct meanings, one objective, a quality residing in the object, the other subjective, a mode of apprehension and creation. To avoid confusion, they have been distinguished in English as \textit{picturesque} and \textit{painterly} respectively.

For this example to be valid, the code MDMH must be defined elsewhere, for example by means of a responsibility statement in the associated TEI header.

Example The global n attribute may be used to supply the symbol or number used to mark the note's point of attachment in the source text, as in the following example:

Mevorak\'s b. Saadya's mother, the matriarch of the family during the second half of the eleventh century, \note n="126" anchored="true"> The alleged mention of Judah Nagid's mother in a letter from 1071 is, in fact, a reference to Judah's children; cf. above, nn. 111 and 54. \note is well known from Geniza documents published by Jacob Mann.

However, if notes are numbered in sequence and their numbering can be reconstructed automatically by processing software, it may well be considered unnecessary to record the note numbers.

Content model
### Schema Declaration

```xml
element note
{
  att.global.attributes,
  att.pointing.attributes,
  att.typed.attributes,
  att.written.attributes,
  macro.specialPara}
```

(number) contains a number, written in any form. [3.5.3. Numbers and Measures](#)

#### Module core

**Attributes** `att.global` `@xml:id`, `@n`, `@xml:lang`, `@xml:space`  
`att.global.rendition` (`@rend`, `@style`)  
`att.global.linking` (`@corresp`, `@synch`, `@sameAs`, `@copyOf`, `@next`, `@prev`, `@exclude`, `@select`)  
`att.global.change` (`@change`)  
`att.global.responsibility` (`@cert`, `@resp`)  
`att.global.source` (`@source`)  

**@type** indicates the type of numeric value.  

**Status** Optional  

**Datatype** teidata.enumerated  

**Suggested values include:**  
- **cardinal** absolute number, e.g. 21, 21.5  
- **ordinal** ordinal number, e.g. 21st  
- **fraction** fraction, e.g. one half or three-quarters  
- **percentage** a percentage  

**Note** If a different typology is desired, other values can be used for this attribute.  

**Member of** `model.measureLike`  

**Contained by**  

**core:** `abbr` `add` `addrLine` `author` `bibl` `date` `del` `desc` `editor` `email` `foreign` `head` `hi` `item`  
`label` `name` `note` `num` `p` `pb` `pubPlace` `publisher` `q` `ref` `resp` `speaker` `stage` `time` `title` `unclear`  

**derived-module-tei_tite:** `b` `colShift` `i` `smcap` `sub` `sup` `ul`  

**figures:** `cell`  

**linking:** `ab` `seg`  

**textstructure:** `byline` `closer` `dateline` `docAuthor` `docDate` `docEdition` `docImprint` `opener`  
`salute` `signed` `titlePart` `trailer`  

**May contain**  

**core:** `abbr` `add` `address` `cb` `cit` `date` `del` `email` `foreign` `gap` `graphic` `hi` `lb` `milestone` `name`  
`note` `num` `p` `ptr` `q` `ref` `time` `title` `unclear`  

**derived-module-tei_tite:** `b` `colShift` `i` `smcap` `sub` `sup` `ul`  

**figures:** `figure` `formula`  

**gaiji:** `g`  

**linking:** `seg`  

**textstructure:** `floatingText`  

**transcr:** `handShift`  

character data
Note Detailed analyses of quantities and units of measure in historical documents may also use the feature structure mechanism described in chapter 18. Feature Structures. The `<num>` element is intended for use in simple applications.

Example

```xml
<p>I reached <num type="cardinal" value="21">twenty-one</num> on my <num type="ordinal" value="21">twenty-first</num> birthday</p>
<p>Light travels at <num value="3E10">3×10<sup>10</sup></num> cm per second</p>
```

Content model

```
<content>
  <macroRef key="macro.phraseSeq"/>
</content>
```

Schema Declaration

```
element num
{
  att.global.attributes,
  attribute type { "cardinal" | "ordinal" | "fraction" | "percentage" }?,
  macro.phraseSeq
}
```

`<opener>` groups together dateline, byline, salutation, and similar phrases appearing as a preliminary group at the start of a division, especially of a letter. [4.2. Elements Common to All Divisions]

Module textstructure

Attributes

```
att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style))
(att.global/linking (@corresp, @synch,
  @sameAs, @copyOf, @next, @prev, @exclude, @select))
(att.global/facs (@facs))
(att.global/change (@change))
(att.global/responsibility (@cert, @resp))
(att.global/source (@source))
att.written (@hand)
```

Member of model/divTopPart

Contained by

```
core:  lg list
```

May contain

```
core:  abbr add address cb date del email foreign gap graphic hi lb milestone name note num pb ptr ref time title unclear
derived-module-tei_tite:  b colShift i smcap sub sup ul
figures:  figure formula
gaiji:  g
linking:  seg
textstructure:  argument byline dateline epigraph salute signed
transcr:  handShift
```

Example
Example

<opener>
<dateline>Walden, this 29. of August 1592</dateline>
</opener>

Content model

<content>
<alternate minOccurs="0" maxOccurs="unbounded">
<textNode/>
<classRef key="model.gLike"/>
<classRef key="model.phrase"/>
<elementRef key="argument"/>
<elementRef key="byline"/>
<elementRef key="dateline"/>
<elementRef key="epigraph"/>
<elementRef key="salute"/>
<elementRef key="signed"/>
<classRef key="model.global"/>
</alternate>
</content>

Schema Declaration

[element opener {

att.global.attributes,
att.written.attributes,
{
   text
   | model.gLike | model.phrase | argument | byline | dateline | epigraph
}
}]

<ornament> for capturing typographical feature: printer’s ornament, horizontal line, strings of asterisks or periods, etc, indicating an informal division that does not call for a new <div> element. If a horizontal rule or printer’s ornament, use appropriate rend attribute and leave the element empty; if the ornament can be represented with characters, include these in the element.

Namespace http://www.tei-c.org/ns/tite/1.0
Module derived-module-tei_tite
Attributes Attributes att.global ( @xml:id, @n, @xml:lang, @xml:space)
 (att.global.rendition ( @rend, @style) ) (att.global/linking ( @corresp, @synch,
 @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global/facs ( @fac))
Example

<p>Hallgerd was outside. <q>There is blood on your axe,</q> she said. 
<q>What have you done?</q> she asked.

<p>I have now arranged that you can be married a second time,</p> replied Thjostolf.
Then you must mean that Thorvald is dead,” she said.

“Yes,” said Thjostolf. “And now you must think up some plan for me.”
May contain Empty element

Note A \(<\text{pb}>\) element should appear at the start of the page which it identifies. The global \(n\) attribute indicates the number or other value associated with this page. This will normally be the page number or signature printed on it, since the physical sequence number is implicit in the presence of the \(<\text{pb}>\) element itself.

The \(type\) attribute may be used to characterize the page break in any respect. The more specialized attributes \(break, ed, or edRef\) should be preferred when the intent is to indicate whether or not the page break is word-breaking, or to note the source from which it derives.

**Example** Page numbers may vary in different editions of a text.

```xml
<p> ... <pb n="145" ed="ed2"/>
<!-- Page 145 in edition "ed2" starts here --> ... <pb n="283" ed="ed1"/>
<!-- Page 283 in edition "ed1" starts here-->
</p>
```

**Example** A page break may be associated with a facsimile image of the page it introduces by means of the \(facs\) attribute

```xml
<body>
  <pb n="1" facs="page1.png"/>
  <!-- page1.png contains an image of the page; the text it contains is encoded here -->
  <p>
  </p>
  <pb n="2" facs="page2.png"/>
  <!-- similarly, for page 2 -->
  <p>
  </p>
</body>
```

**Content model** `<content> <empty/></content>`

**Schema Declaration**

```
<element pb { att.global.attributes, att.typed.attributes, empty } />
```

**<postscript>** contains a postscript, e.g. to a letter. [4.2. Elements Common to All Divisions]

**Module** textstructure

**Attributes**

- att.global (@xml:id, @n, @xml:lang, @xml:space)
- att.global.rendition (@rend, @style)
- att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- att.global.facx (@facs)
- att.global.change (@change)
- att.global.responsibility (@cert, @resp)
- att.global.source (@source)
- att.written (@hand)

**Member of** model.divBottomPart

**Contained by**
- core: `lg` `list`
- figures: `figure` `table`
- textstructure: `back` `body` `div1` `div2` `div3` `div4` `div5` `div6` `div7` `front` `group` `postscript`

**May contain**
- core: `bib` `ch` `cit` `desc` `gap` `head` `l` `label` `lg` `list` `listBibl` `milestone` `note` `p` `pb` `q` `sp` `stage`
Example

<div type="letter">
  <opener>
    <dateline>
      <placeName>Rimaone</placeName>
      <date when="2006-11-21">21 Nov 06</date>
    </dateline>
    <salute>Dear Susan,</salute>
  </opener>
  <p>Thank you very much for the assistance splitting those logs. I’m sorry about the misunderstanding as to the size of the task. I really was not asking for help, only to borrow the axe. Hope you had fun in any case.</p>
  <closer><salute>Sincerely yours,</salute><signed>Seymour</signed></closer>
  <postscript><label>P.S.</label><p>The collision occured on <date when="2001-07-06">06 Jul 01</date>.</p></postscript>
</div>

Content model

```
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.global"/>
      <classRef key="model.divTopPart"/>
    </alternate>
    <classRef key="model.common"/>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.global"/>
      <classRef key="model.common"/>
    </alternate>
    <sequence minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.divBottomPart"/>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
  </sequence>
</content>
```

Schema Declaration

```
  element postscript {
    att.global.attributes,
    att.written.attributes,
    ( model.global | model.divTopPart )*,
  }
```
<ptr> (pointer) defines a pointer to another location. [3.6. Simple Links and Cross-References 16.1. Links]

Module core
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
   (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
   (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
   (att.global.source (@source)) att.pointing (@targetLang, @target) att.typed (@type)

Member of model.ptrLike

Contains by

core: abbr add addrLine author bibl cit date del desc editor email foreign head hi item label name note num p pubPlace publisher ref resp speaker stage time title unclear
derived-module-tei_tite: b i smcap sub sup ul
textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener salute signed titlePart trailer

May contain Empty element

Example

<ptr target="#p143 #p144"/>
<ptr target="http://www.tei-c.org"/>
<ptr cRef="1.3.4"/>

Schematron <s:report test="@target and @cRef">Only one of the attributes @target and @cRef may be supplied on <s:name/>. </s:report>

Content model \[<content> <empty/></content>\]

Schema Declaration

```
<element ptr {
   att.global.attributes,
   att.pointing.attributes,
   att.typed.attributes,
   empty
}
```

<pubPlace> (publication place) contains the name of the place where a bibliographic item was published. [3.11.2.4. Imprint, Size of a Document, and Reprint Information]

Module core
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
   (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
<publisher>

@sameAs, @copyOf, @next, @prev, @exclude, @select) (@facs) (att.global.facs (@facs)) (att.global.change (@change)) (att.global.responsibility (@cert, @resp)) (att.global.source (@source))

Member of model.imprintPart

Contained by
core: bib

textstructure: docImprint

May contain

core: abbr add address cb cit date del email foreign gap graphic hi lb milestone name note num pb ptr ref time title unclear

derived-module-tei_tite: b colShift i smcap sub sup ul

textstructure: floatingText
gaiji: g

linking: seg

transcr: handShift

character data

Example

<publicationStmt>
 <publisher>Oxford University Press</publisher>
 <pubPlace>Oxford</pubPlace>
 <date>1989</date>
</publicationStmt>

Content model

<content>
 <macroRef key="macro.phraseSeq"/>
</content>

Schema Declaration

 element pubPlace { att.global.attributes, macro.phraseSeq }

<publisher> provides the name of the organization responsible for the publication or distribution of a bibliographic item. [3.11.2.4. Imprint, Size of a Document, and Reprint Information 2.2.4. Publication, Distribution, Licensing, etc.]

Module core

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space) (@att.global.rendition (@rend, @style)) (att.global.change (@change)) (att.global.responsibility (@cert, @resp)) (att.global.source (@source))

Member of model.imprintPart

Contained by
core: bib

textstructure: docImprint
May contain

- abbr
- add
- address
- cb
- cit
- date
- del
- email
- foreign
- gap
- graphic
- hi
- lb
- milestone
- note
- num
- pb
- ptr
- q
- ref
- time
- title
- unclear

**Content model**

```xml
<content>
  <macroRef key="macro.phraseSeq"/>
</content>
```

**Schema Declaration**

```xml
element publisher { att.global.attributes, macro.phraseSeq }
```

**<q>** (quoted) contains material which is distinguished from the surrounding text using quotation marks or a similar method, for any one of a variety of reasons including, but not limited to: direct speech or thought, technical terms or jargon, authorial distance, quotations from elsewhere, and passages that are mentioned but not used.

[3.3.3. Quotation]

**Modular core**

**Attributes**

- `att.global` (@xml:id, @n, @xml:lang, @xml:space)
- `att.global.rendition` (@rend, @style)
- `att.global.linking` (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)
- `att.global.facs` (@facs)
- `att.global.change` (@change)
- `att.global.responsibility` (@cert, @resp)
- `att.ascribed.directed` (@toWhom)

**@type** may be used to indicate whether the offset passage is spoken or thought, or to characterize it more finely.

**Status** Optional

**Datatype** teidata.enumerated

**Suggested values include:**

- **spoken** representation of speech
- **thought** representation of thought, e.g. internal monologue
- **written** quotation from a written source
- **soCalled** authorial distance
foreign
distinct linguistically distinct
term technical term
emph rhetorically emphasized
mentioned referring to itself, not its normal referent

Member of model.qLike

Contained by

core: abbr add addrLine author cit del desc editor email foreign head hi item label name note num p pubPlace publisher q ref sp speaker stage title unclear
derived-module-tei_tite: b i smcap sub sup ul
figures: cell figure
linking: ab seg
textstructure: argument body div1 div2 div3 div4 div5 div6 div7 docAuthor docDate docEdition epigraph postscript salute signed titlePart trailer

May contain

core: abbr add address bibl cb cit date del desc email foreign gap graphic hi label b b l b g list listBibl milestone name note num p pb ptr q ref sp stage time title unclear
derived-module-tei_tite: b colShift i ornament smcap sub sup ul
figures: figure formula table
gaiji: ＆
linking: ab seg
textstructure: floatingText
transcr: handShift

character data

Note May be used to indicate that a passage is distinguished from the surrounding text for reasons concerning which no claim is made. When used in this manner, <q> may be thought of as syntactic sugar for <hi> with a value of rend that indicates the use of such mechanisms as quotation marks.

Example

It is spelled <q>Tübingen</q> — to enter the letter <q>u</q> with an umlaut hold down the <q>option</q> key and press <q>0 0 f c</q>

Content model

```xml
<content>
  <macroRef key="macro.specialPara"/>
</content>
```

Schema Declaration

```xml
element q
{
  att.global.attributes,
  att.ascribed.directed.attributes,
  attribute type
  {
    "spoken"
    | "thought"
    | "written"
    | "soCalled"
  }
}```
B FORMAL SPECIFICATION

| "foreign" |
| "distinct" |
| "term" |
| "emph" |
| "mentioned" |

macro.specialPara}

<ref> (reference) defines a reference to another location, possibly modified by additional text or comment. 3.6. Simple Links and Cross-References| 16.1. Links]

Module core

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source)) att.pointing (@targetLang, @target) att.typed (@type)

Member of model.ptrLike

Contained by
core: abbr add addrLine author bibl cit date del desc editor email foreign head hi item |
label name note num pb pubPlace publisher q ref resp speaker stage time title unclear
derived-module-tei_tite: b | smcap sub sup ul
figures: cell
linking: ab seg
textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener salute signed titlePart trailer

May contain
core: abbr add address bibl cb cit date del desc email foreign gap graphic hi | label lb lg
list listBibl milestone name note num pb ptr q ref stage time title unclear
derived-module-tei_tite: b colShift | ornament smcap sub sup ul
figures: figure formula table
gaiji:  |
linking: seg
textstructure: floatingText
transcr: handShift

character data

Note The target and cRef attributes are mutually exclusive.
Example

See especially
<ref target="http://www.natcorp.ox.ac.uk/Texts/A02.xml#s2">the second sentence</ref>

Example

See also <ref target="#locution">s.v. <term>locution</term></ref>

Schematron <s:report test="@target and @cRef">Only one of the attributes @target’
and @cRef’ may be supplied on <s:name/> </s:report>
<resp>

(responsibility) contains a phrase describing the nature of a person’s intellectual responsibility, or an organization’s role in the production or distribution of a work.

Module core
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
  (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
  (att.global.source (@source)) att.datable (@calendar) (att.datable.w3c: (@when, @from, @to))

Contained by
core: respStmt
May contain
core: abbr address cb date email foreign gap hi lb milestone name note num pb ptr ref
time title

derived-module-tei_tite: b colShift i smcap sub sup ul
figures: figure

character data

Note The attribute ref, inherited from the class att.canonical may be used to indicate the kind of responsibility in a normalized form by referring directly to a standardized list of responsibility types, such as that maintained by a naming authority, for example the list maintained at http://www.loc.gov/marc/relators/relacode.html for bibliographic usage.

Example

<respStmt>
<resp ref="http://id.loc.gov/vocabulary/relators/com.html">compiler</resp>
<name>Edward Child</name>
</respStmt>

Content model

<content>
  <macroRef key="macro.phraseSeq.limited"/>
</content>
<respStmt> (statement of responsibility) supplies a statement of responsibility for the intellectual content of a text, edition, recording, or series, where the specialized elements for authors, editors, etc. do not suffice or do not apply. May also be used to encode information about individuals or organizations which have played a role in the production or distribution of a bibliographic work. [3.11.2.2. Titles, Authors, and Editors 2.2.1. The Title Statement 2.2.2. The Edition Statement 2.2.5. The Series Statement]

Module core
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs)) (att.global.change (@change)) (att.global.responsibility (@cert, @resp)) (att.global.source (@source))

Member of model.respLike
Contained by
core: bib
May contain
core: name note resp

Example

<respStmt>
  <resp>transcribed from original ms</resp>
  <persName>Claus Huitfeldt</persName>
</respStmt>

Example

<respStmt>
  <resp>converted to XML encoding</resp>
  <name>Alan Morrison</name>
</respStmt>

Content model

<content>
  <sequence>
    <alternate>
      <sequence>
        <elementRef key="resp" minOccurs="1" maxOccurs="unbounded"/>
        <classRef key="model.nameLike.agent" minOccurs="1" maxOccurs="unbounded"/>
      </sequence>
    </alternate>
  </sequence>
</content>
<row>
</row>

Schema Declaration

```xml
<sequence>
  <classRef key="model.nameLike.agent"
    minOccurs="1" maxOccurs="unbounded"/>
  <elementRef key="resp" minOccurs="1"
    maxOccurs="unbounded"/>
</sequence>
</alternate>
<elementRef key="note" minOccurs="0"
  maxOccurs="unbounded"/>
</sequence>
</content>
```

**Tag Description**

### `respStmt`

- **Attributes**
  - `att.global.attributes`
  - `( ( resp+, model.nameLike.agent+ ) | ( model.nameLike.agent+, resp+ ) ),
    note*`

### `row`

- **Contains one row of a table. [14.1.1. TEI Tables]**

**Module** figures

**Attributes**

- `att.global.attributes`
- `(att.global.attributes, att.global.rendition (@rend, @style))
- `(att.global.rating ([@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select]),
- att.global.responsibility (@cert, @resp))
- att.global.source (@source)) att.tableDecoration (@role, @rows, @cols)

**Contained by**

- figures: table

**May contain**

- figures: cell

**Example**

```xml
<row role="data">
  <cell role="label">Classics</cell>
  <cell>Idle listless and unimproving</cell>
</row>
```

**Content model**

```
<content>
  <elementRef key="cell" minOccurs="1"
    maxOccurs="unbounded"/>
</content>
```

**Schema Declaration**

```xml
element row { att.global.attributes, att.tableDecoration.attributes, cell+ }
```
<salute> (salutation) contains a salutation or greeting prefixed to a foreword, dedicatory epistle, or other division of a text, or the salutation in the closing of a letter, preface, etc. [4.2.2. Openers and Closers]

Module textstructure
Attributes Attributes att.global (xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source)) att.written (@hand)

Member of model.divWrapper

Contained by

core: lg list
figures: figure table
textstructure: body closer div1 div2 div3 div4 div5 div6 div7 front group opener

May contain

core: abbr add address bibl cb cit date del desc email foreign gap graphic hi i label lb lg list listBibl milestone name note num pb pf ptr q ref stage time title unclear
derived-module-tei_tite: b colShift ornament smcap sub sup ul
figures: figure formula table
gaiji:  ❝
linking: seg
textstructure: floatingText
transcr: handShift
character data

Example

<salute>To all courteous mindes, that will voutchsafe the readinge.</salute>

Content model

<content>
<macroRef key="macro.paraContent"/>
</content>

Schema Declaration

element salute
{
  att.global.attributes,
  att.written.attributes,
  macro.paraContent
}

<seg> (arbitrary segment) represents any segmentation of text below the chunk level. [16.3. Blocks, Segments, and Anchors 6.2. Components of the Verse Line 7.2.5. Speech Contents]

Module linking
Attributes Attributes att.global (xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
The `<seg>` element may be used at the encoder’s discretion to mark any segments of the text of interest for processing. One use of the element is to mark text features for which no appropriate markup is otherwise defined. Another use is to provide an identifier for some segment which is to be pointed at by some other element—i.e. to provide a target, or a part of a target, for a `<ptr>` or other similar element.

Example

```xml
<seg>When are you leaving?</seg>
<seg>Tomorrow.</seg>
```

Example

```xml
<s>
  <seg rend="caps" type="initial-cap">So father’s only</seg> glory was the ballfield.
</s>
```

Example

```xml
<seg type="preamble">
  <seg>Sigmund, <seg type="patronym">the son of Volsung</seg>, was a king in Frankish country.</seg>
  <seg>Sinfiotli was the eldest of his sons ...</seg>
  <seg>Borghild, Sigmund’s wife, had a brother ...</seg>
</seg>
```

Content model

```xml
<content>
  <macroRef key="macro.paraContent"/>
</content>
```
<signed> (signature) contains the closing salutation, etc., appended to a foreword, dedicatory epistle, or other division of a text. [4.2.2. Openers and Closers]

Module textstructure
Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
  (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
  (att.global.source (@source)) att.written (@hand)

Member of model.divBottomPart model.divTopPart

Contained by
core: lg list
figures: figure table
textstructure: back body closer div1 div2 div3 div4 div5 div6 div7 front group opener
postscript

May contain
core: abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb lg
list listBibl milestone name note num pb ptr q ref stage time title unclear
derived-module-tei_tite: b colShift | ornament smcap sub sup ul
figures: figure formula table
gaiji: g
linking: seg
textstructure: floatingText
transcr: handShift

character data

Example

<signed>Thine to command <name>Humph. Moseley</name></signed>

Example

<closer>
  <signed>Sign’d and Seal’d,
  <list>
    <item>John Bull,</item>
    <item>Nic. Frog.</item>
  </list>
Content model

```xml
<content>
  <macroRef key="macro.paraContent"/>
</content>
```

Schema Declaration

```xml
element signed {
  att.global.attributes,
  att.written.attributes,
  macro.paraContent
}
```

(sm&caps) for capturing typographical feature: glyphs in small capitals.

Namespace http://www.tei-c.org/ns/tite/1.0

Module derived-module-tei_tite

Attributes

- att.global (@xml:id, @n, @xml:lang, @xml:space)
- att.global.rendition (@rend, @style)
- att.global.linking (@corresp, @synch, @sameAs, @copyOf, @prev, @exclude, @select)
- att.global.facs (@facs)
- att.global.change (@change)
- att.global.responsibility (@cert, @resp)
- att.global.source (@source)

Member of model.hiLike

Contained by

core: abbr add addrLine author bibl date del desc editor email foreign head hi item label name note num p pb ptr q ref resp speaker stage time title unclear

derived-module-tei_tite: b i smcap sub sup ul

figures: cell formula

linking: ab seg

textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener salute signed titlePart trailer

May contain

core: abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb lg list listBibl milestone name note num pb ptr q ref resp speaker stage time title unclear

derived-module-tei_tite: b colShift i ornament smcap sub sup ul

figures: figure formula table

gaiji: g

linking: seg

textstructure: floatingText

transcr: handShift

character data

Content model

```xml
<content>
  <macroRef key="macro.paraContent"/>
</content>
```
B FORMAL SPECIFICATION

Schema Declaration

element smcap { att.global.attributes, macro.paraContent }

<sp> (speech) contains an individual speech in a performance text, or a passage presented as such in a prose or verse text. [3.12.2. Core Tags for Drama | 3.12. Passages of Verse or Drama | 7.2.2. Speeches and Speakers]

Module core

Attributes

\[
\text{attributes \ att.global} \ (\text{@xml:id, @n, @xml:lang, @xml:space}) \\
\quad (\text{att.global.rendition} \ (\text{@rend, @style})) \\
\quad (\text{att.global.linking} \ (\text{@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select})) \\
\quad (\text{att.global.facs} \ (\text{@facs})) \\
\quad (\text{att.global.change} \ (\text{@change})) \\
\quad (\text{att.global.responsibility} \ (\text{@cert, @resp})) \\
\quad (\text{att.global.source} \ (\text{@source})) \\
\quad \text{att.ascribed.directed} \ (\text{@toWhom})
\]

Member of model.divPart

Contained by

core: item note q stage

figures: cell figure

textstructure: argument body div1 div2 div3 div4 div5 div6 div7 epigraph postscript

May contain

core: cb cit gap l lb lg list milestone note p pb q speaker stage
derived-module-tei_tite: colShift

figures: figure table

linking: ab
textstructure: floatingText

Note: The who attribute on this element may be used either in addition to the <speaker> element or as an alternative.

Example

<sp>
  <speaker>The reverend Doctor Opimian</speaker>
  <p>I do not think I have named a single unpresentable fish.</p>
</sp>

<sp>
  <speaker>Mr Gryll</speaker>
  <p>Bream, Doctor: there is not much to be said for bream.</p>
</sp>

<sp>
  <speaker>The Reverend Doctor Opimian</speaker>
  <p>On the contrary, sir, I think there is much to be said for him. In the first place [...]</p>
  <p>Fish, Miss Gryll – I could discourse to you on fish by the hour: but for the present I will forbear [...]</p>
</sp>

Content model

<content>
  <sequence>
    <classRef key="model.global"

116
**Schema Declaration**

```xml
<element sp {
    att.global.attributes, 
    att.ascribed.directed.attributes, 
    (model.global*, 
    (speaker, model.global* )?, 
    ( 
        lg | model.lLike | model.pLike | model.listLike | model.stageLike | model.qLike ), 
    model.global* 
    )+ 
}
```

**<speaker>** contains a specialized form of heading or label, giving the name of one or more speakers in a dramatic text or fragment. [3.12.2. Core Tags for Drama]

**Module core**

**Attributes**

- att.global.attributes (@xml:id, @n, @xml:lang, @xml:space)
- att.ascribed.directed.attributes (@rend, @style)
- att.global.rendition (@rend, @style)
- att.global.linking (@corresp, @synch)
- att.global.facs (@facs)
- att.global.change (@change)
- att.global.responsibility (@cert, @resp)
- att.global.source (@source)

**Contained by**

- core: sp

**May contain**

- abbr add address cb cit date del email foreign gap graphic hi lb milestone name note num pb ptr q ref time title unclear

**derived-module-tei_tite:** b colShift i smcap sub sup ul

**figures:** figure formula
B  FORMAL SPECIFICATION

gaiji:  
linking:  seg

textstructure:  floatingText
transcr:  handShift

Example

<sp who="#ni #rsa">
  <speaker>Nancy and Robert</speaker>
  <stage type="delivery">(speaking simultaneously)</stage>
  <p>The future? ...</p>
</sp>

<list type="speakers">
  <item xml:id="ni"/>
  <item xml:id="rsa"/>
</list>

Content model

<content>
  <macroRef key="macro.phraseSeq"/>
</content>

Schema Declaration

<element speaker { att.global.attributes, macro.phraseSeq }>

<stage> (stage direction) contains any kind of stage direction within a dramatic text or fragment. [3.12.2. Core Tags for Drama 3.12. Passages of Verse or Drama 7.2.4. Stage Directions]

Module core

Attributes

att.ascribed.directed (@toWhom) att.global (@xml:id, @n, @xml:lang, @xml:space) (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @sync, @sameAs, @copyOf, @next, @prev, @exclude, @select))

(at.global.facs (@facs)) (at.global.change (@change)) (at.global.responsibility (@cert, @resp)) (at.global.source (@source))

Member of model.stageLike

Contained by

core: add del desc head hi item lg note p q ref sp stage title unclear

derived-module-tei_tite: b i smcap sub sup ul

figures: cell figure

linking: ab seg

textstructure: argument body div1 div2 div3 div4 div5 div6 div7 docEdition epigraph

postscript salute signed titlePart trailer

May contain

core: abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb lg

list listBibl milestone name note num p pb ptr q ref sp stage time title unclear

derived-module-tei_tite: b colShift i ornament smcap sub sup ul

figures: figure formula table

gaiji: g
Note The who attribute may be used to indicate more precisely the person or persons participating in the action described by the stage direction.

Example

```xml
<stage type="setting">A curtain being drawn.</stage>
<stage type="setting">Music</stage>
<stage type="entrance">Enter Husband as being thrown off his horse and falls.</stage>
<!-- Middleton: Yorkshire Tragedy -->
<stage type="exit">Exit pursued by a bear.</stage>
<stage type="business">He quickly takes the stone out.</stage>
<stage type="delivery">To Lussurioso.</stage>
<stage type="novelistic">Having had enough, and embarrassed for the family.</stage>
<!-- Lorraine Hansbury: a raisin in the sun -->
<stage type="modifier">Disguised as Ansaldo.</stage>
<stage type="entrance modifier">Enter Latrocinio disguised as an empiric</stage>
<!-- Middleton: The Widow -->
<stage type="location">At a window.</stage>
<stage rend="inline" type="delivery">Aside.</stage>
```

Example

```xml
<l>Behold. <stage n="*" place="margin">Here the vp</stage>/per part of the
<hi>Scene</hi> open'd; when
  straight appear'd a Heauen, and all the <hi>Pure Artes</hi> sitting on
two semi<hi>circular ben</hi>/ches, one a<hi>boue another: who sate
thus till the rest of the
<hi>Prologue</hi> was spoken, which being ended, they descended in
order within the <hi>Scene</hi>, whiles the Musicke plaid</stage> Our
Poet knowing our free hearts</l>
```

Content model

```
<content>
  <macroRef key="macro.specialPara"/>
</content>
```

Schema Declaration

```
element stage
{
  att.ascribed.directed.attributes,
  att.global.attributes,
  macro.specialPara
}
```

<sub> (subscript) for capturing typographical feature: subscript glyphs.

Namespace http://www.tei-c.org/ns/tite/1.0

Module derived-module-tei_tite

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
@sameAs, @copyOf, @next, @prev, @exclude, @select) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source))

Member of model.hiLike

Contained by

core: abbr add addrLine author bibl date del desc editor email foreign head hi item |
label name note num p pubPlace publisher q ref resp speaker stage time title unclear

derived-module-tei_tite: b i smcap sub sup uligures: cell formula

linking: ab seg
textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener |
salute signed titlePart trailer

May contain

core: abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb lq |
list listBibl milestone name note num pb ptr q ref stage time title unclear

derived-module-tei_tite: b colShift i ornament smcap sub sup uligures: figure formula table

gaiji: g
ingling: seg
textstructure: floatingText

transcr: handShift

character data

Content model

```
<content>
  <macroRef key="macro.paraContent"/>
</content>
```

Schema Declaration

element sub { att.global.attributes, macro.paraContent }

<sup> (superscript) for capturing typographical feature: superscript glyphs.

Namespace http://www.tei-c.org/ns/tite/1.0

Module derived-module-tei_tite

Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
  (att.global.change (@change)) (att.global.responsibility (@cert, @resp))
  (att.global.source (@source))

Member of model.hiLike

Contained by

core: abbr add addrLine author bibl date del desc editor email foreign head hi item |
label name note num p pubPlace publisher q ref resp speaker stage time title unclear

derived-module-tei_tite: b i smcap sub sup uligures: cell formula
<table>

| linking: | ab seg |
| textstructure: | byline closer dateline docAuthor docDate docEdition docImprint opener salute signed titlePart trailer |

May contain:
core: | abbr add address bibl cb cit date del desc email foreign gap graphic hi | label lb lg list listBibl milestone name note num pb ptr q ref stage time title unclear |
| derived-module-tei_tite: | b colShift i ornament smcap sub sup ul |
| figures: | figure formula table |

| gaiji: | g |
| linking: | seg |
| textstructure: | floatingText |
| transcr: | handShift |

Content model

```xml
<content>
  <macroRef key="macro.paraContent"/>
</content>
```

Schema Declaration

```xml
element sup { att.global.attributes, macro.paraContent }
```

</table> <table> contains text displayed in tabular form, in rows and columns. [14.1.1. TEI Tables]

Module figures

Attributes

```xml
att.global (@xml:id, @n, @xml:lang, @xml:space)
( att.global.rendition (@rend, @style) )
( att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select) )
( att.global.facs (@facs) )
( att.global.change (@change) )
( att.global.responsibility (@cert, @resp) )
( att.global.source (@source) ) att.typed (@type)
```

@rows indicates the number of rows in the table.

- Status: Optional
  - Datatype: teidata.count

  Note: If no number is supplied, an application must calculate the number of rows.

  Rows should be presented from top to bottom.

@cols (columns) indicates the number of columns in each row of the table.

- Status: Optional
  - Datatype: teidata.count

  Note: If no number is supplied, an application must calculate the number of columns.

  Within each row, columns should be presented left to right.

Member of: model.listLike

Contained by:
core: | add del desc head hi item | note p q ref sp stage title unclear |
B  FORMAL SPECIFICATION

derived-module-tei_tite:  b i smcap sub sup ul

figures:  cell figure

linking:  ab seg

textstructure: argument back body div1 div2 div3 div4 div5 div6 div7 docEdition epigraph postscript salute signed titlePart trailer

May contain

core:  cb gap graphic head lb milestone note pb

derived-module-tei_tite:  colShift

figures:  figure formula row

textstructure: argument byline closer dateline docAuthor docDate epigraph postscript salute signed trailer

Note  Contains an optional heading and a series of rows.

Any rendition information should be supplied using the global rend attribute, at the table, row, or cell level as appropriate.

Example

```xml
<table rows="4" cols="4">
  <head>Poor Men’s Lodgings in Norfolk (Mayhew, 1843)</head>
  <row role="label">
    <cell role="data">Dossing Cribs or Lodging Houses</cell>
    <cell role="data">Beds</cell>
    <cell role="data">Needys or Nightly Lodgers</cell>
  </row>
  <row role="data">
    <cell role="label">Bury St Edmund’s</cell>
    <cell role="data">5</cell>
    <cell role="data">8</cell>
    <cell role="data">128</cell>
  </row>
  <row role="data">
    <cell role="label">Thetford</cell>
    <cell role="data">3</cell>
    <cell role="data">6</cell>
    <cell role="data">36</cell>
  </row>
  <row role="data">
    <cell role="label">Attleboro’</cell>
    <cell role="data">3</cell>
    <cell role="data">5</cell>
    <cell role="data">20</cell>
  </row>
  <row role="data">
    <cell role="label">Wymondham</cell>
    <cell role="data">1</cell>
    <cell role="data">11</cell>
    <cell role="data">22</cell>
  </row>
</table>
```

Content model

```xml
<content>
  <sequence>
    <alternate minOccurs="0" maxOccurs="unbounded">
      <classRef key="model.headLike"/>
      <classRef key="model.global"/>
    </alternate>
  </sequence>
</content>
```
contains a single text of any kind, whether unitary or composite, for example a poem or drama, a collection of essays, a novel, a dictionary, or a corpus sample. [4. Default Text Structure 15.1. Varieties of Composite Text]

Module textstructure

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
( att.global.rendition (@rend, @style) ) ( att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select) ) ( att.global.fac (@facs) ) ( att.global.change (@change) ) ( att.global.responsibility (@cert, @resp) ) ( att.global.source (@source) ) att.typed (@type) att.written (@hand)

Contained by
textstructure: group

May contain
core: cb gap lb milestone note pb
derived-module-tei_tite: colShift
figures: figure
textstructure: back body front group

Note This element should not be used to represent a text which is inserted at an arbitrary point within the structure of another, for example as in an embedded or quoted narrative; the <floatingText> is provided for this purpose.

Example

```xml
<text>
  <front>
    <docTitle>
      <titlePart>Autumn Haze</titlePart>
    </docTitle>
  </front>
  <body>
    <l>Is it a dragonfly or a maple leaf</l>
    <l>That settles softly down upon the water?</l>
  </body>
</text>
```

Example The body of a text may be replaced by a group of nested texts, as in the following schematic:

```xml
<text>
  <front>
    <!-- front matter for the whole group -->
  </front>
  <group>
    <text>
      <!-- first text -->
    </text>
    <text>
      <!-- second text -->
    </text>
  </group>
</text>
```

Content model

```xml
<content>
  <sequence>
    <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    <sequence minOccurs="0">
      <elementRef key="front"/>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <alternate>
      <elementRef key="body"/>
      <elementRef key="group"/>
    </alternate>
    <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    <sequence minOccurs="0">
      <elementRef key="back"/>
      <classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
  </sequence>
</content>
```

Schema Declaration
\texttt{\langle time\rangle} contains a phrase defining a time of day in any format. 3.5.4. Dates and Times

\textbf{Module core}

\textbf{Attributes Attributes att.global (\texttt{@xml:id}, \texttt{@n}, \texttt{@xml:lang}, \texttt{@xml:space}) (att.global.rendition (\texttt{@rend}, \texttt{@style})) (att.global.linking (\texttt{@corresp}, \texttt{@synch}, \texttt{@sameAs}, \texttt{@copyOf}, \texttt{@next}, \texttt{@prev}, \texttt{@exclude}, \texttt{@select})) (att.global.facs (\texttt{@facs})) (att.global.change (\texttt{@change})) (att.global.responsibility (\texttt{@cert}, \texttt{@resp})) (att.global.source (\texttt{@source})) att.typed (\texttt{@type}) att.datable (\texttt{@calendar}) att.datable.w3c (\texttt{from}, \texttt{to}, \texttt{@when})

\textbf{Member of model.dateLike}

\textbf{Contained by}

\textbf{core: abbr add addrLine author bibl date del desc editor email foreign head hi item label name note num p pb ptr ref resp speaker stage time title unclear}

\textbf{derived-module-tei_tite: b i smcap sub sup ul}

\textbf{figures: cell}

\textbf{linking: ab seg}

\textbf{textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener salute signed titlePart trailer}

\textbf{May contain}

\textbf{core: abbr add address cb date del email foreign gap graphic hi lb milestone name note num pb ptr ref time title unclear}

\textbf{derived-module-tei_tite: b colShift i smcap sub sup ul}

\textbf{figures: figure formula}

\textbf{gaiji: }\texttt{g}

\textbf{linking: seg}

\textbf{transcr: handShift}

\textbf{character data}

\textbf{Example}

As he sat smiling, the quarter struck — \texttt{\langle time when="11:45:00">the quarter to twelve</time>}.  

\textbf{Content model}

\begin{verbatim}
<content>
<alternate minOccurs="0" maxOccurs="unbounded">
\end{verbatim}
Schema Declaration

```xml
<element time
  {
    att.global.attributes,
    att.datable.attribute.calendar,
    att.datable.w3c.attribute.when,
    att.typed.attributes,
    ( text | model.gLike | model.phrase | model.global )*
  }
}
```

`<title>` contains a title for any kind of work.  

_The Title Statement_ 2.2.5. The Series Statement_  

**Module core**  

**Attributes**  

- `att.global`  
  - `@xml:id`, `@n`, `@xml:lang`, `@xml:space`  
  - `att.global.rendition (@rend, @style)`  
  - `att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)`  
  - `att.global.facs (@facs)`  
  - `att.global.change (@change)`  
  - `att.global.responsibility (@cert, @resp)`  
  - `att.global.source (@source)`  

- `att.datable`  
  - `@calendar`  
  - `att.datable.w3c (@when, @from, @to)`

**@type** classifies the title according to some convenient typology.  

Derived from `att.typed`  

**Status** Optional  

**Datatype** `teidata.enumerated`

**Sample values include:**  

- `main` main title  
  - `sub` (subordinate) subtitle, title of part  
  - `alt` (alternate) alternate title, often in another language, by which the work is also known  
  - `short` abbreviated form of title  
  - `desc` (descriptive) descriptive paraphrase of the work functioning as a title

**Note** This attribute is provided for convenience in analysing titles and processing them according to their type; where such specialized processing is not necessary, there is no need for such analysis, and the entire title, including subtitles and any parallel titles, may be enclosed within a single `<title>` element.

**@level** indicates the bibliographic level for a title, that is, whether it identifies an article, book, journal, series, or unpublished material.  

**Status** Optional  

**Datatype** `teidata.enumerated`
Legal values are: a (analytic) the title applies to an analytic item, such as an article, poem, or other work published as part of a larger item.

m (monographic) the title applies to a monograph such as a book or other item considered to be a distinct publication, including single volumes of multi-volume works

j (journal) the title applies to any serial or periodical publication such as a journal, magazine, or newspaper

s (series) the title applies to a series of otherwise distinct publications such as a collection

u (unpublished) the title applies to any unpublished material (including theses and dissertations unless published by a commercial press)

Note The level of a title is sometimes implied by its context: for example, a title appearing directly within an <analytic> element is ipso facto of level a, and one appearing within a <series> element of level s. For this reason, the level attribute is not required in contexts where its value can be unambiguously inferred. Where it is supplied in such contexts, its value should not contradict the value implied by its parent element.

<title>

Example

```xml
<title>Hardy’s Tess of the D’Urbervilles: a machine readable edition</title>
```

Example

```xml
<title type="full">
  <title type="main">Synthèse</title>
  <title type="sub">an international journal for epistemology, methodology and history of science</title>
</title>
```

Content model

```xml
<content>
  <macroRef key="macro параContent"/>
</content>
```

Schema Declaration

```xml
element title
{
  att.global.attributes,
  att.datable.attributes,
  attribute type { text }?,
  attribute level { "a" | "m" | "j" | "s" | "u" }?,
  macro параContent
}
```

**<titlePage>** (title page) contains the title page of a text, appearing within the front or back matter. [4.6. Title Pages]

**Module**  
textstructure

**Attributes**  
att.global (@xml:id, @p, @xml:lang, @xml:space)  
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))  
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))  
(att.global.source (@source))

@type classifies the title page according to any convenient typology.

**Status**  
Optional

**Datatype**  
tei.data.enumerated

**Note**  
This attribute allows the same element to be used for volume title pages, series title pages, etc., as well as for the main title page of a work.

**Member of**  
model.frontPart

**Contained by**  
textstructure: back front

**May contain**  
core: ch gap graphic lb milestone note ph

derived-module-tei_tite: colShift ornament

figures: figure
<titlePart>

textstructure: argument byline docAuthor docDate docEdition docImprint docTitle epigraph titlePart

Example

Example:

<titlePage>
<docTitle>
<titlePart type="main">THOMAS OF Reading.</titlePart>
<titlePart type="alt">OR, The sixe worthy yeomen of the
West.</titlePart>
</docTitle>
<docEdition>Now the fourth time corrected and enlarged</docEdition>
<byline>By T.D.</byline>
<figure>
<head>TP</head>
<p>Thou shalt labor till thou returne to duste</p>
<figDesc>Printers Ornament used by TP</figDesc>
</figure>
<docImprint>Printed at <name type="place">London</name> for
<name>T.P.</name>
<date>1612.</date>
</docImprint>
</titlePage>

Content model

<content>
<sequence>
<classRef key="model.global" minOccurs="0" maxOccurs="unbounded"/>
<classRef key="model.titlepagePart"/>
<alternate minOccurs="0" maxOccurs="unbounded">
  <classRef key="model.titlepagePart"/>
  <classRef key="model.global"/>
</alternate>
</sequence>
</content>

Schema Declaration

element titlePage
{
  att.global.attributes, attribute type { text }?,
  (model.global*,
   model.titlepagePart,
   (model.titlepagePart | model.global)*)
}

<titlePart> contains a subsection or division of the title of a work, as indicated on a
title page. [4.6. Title Pages]

Module textstructure

Attributes Attributes att.global (@xml:id, @n, @xml:lang, @xml:space)
(att.global.rendition (@rend, @style)) (att.global.linking (@corresp, @synch,
@sameAs, @copyOf, @next, @prev, @exclude, @select)) (att.global.facs (@facs))
(att.global.change (@change)) (att.global.responsibility (@cert, @resp))
(att.global.source (@source))

@type specifies the role of this subdivision of the title.

**Status** Optional

**Datatype** leidata.enumerated

**Suggested values include:**
- **main** main title of the work [Default]
- **sub** (subordinate) subtitle of the work
- **alt** (alternate) alternative title of the work
- **short** abbreviated form of title
- **desc** (descriptive) descriptive paraphrase of the work

**Member of** model.pLike.front model.titlepagePart

**Contained by**

**textstructure:** back docTitle front titlePage

**May contain**

**core:** abbr add address bibl cb cit date del desc email foreign gap graphic hi label lb lg list listBibl milestone name note num pb ptr q ref stage time title unclear
derived-module-tei_title: b colShift i ornament smcap sub sup ul
figures: figure formula table
gaiji: g
linking: seg
textstructure: floatingText
transcr: handShift

**character data**

**Example**

```xml
<docTitle>
  <titlePart type="main">THE FORTUNES
       AND MISFORTUNES Of the FAMOUS
       Moll Flanders, &c.</titlePart>
</docTitle>

<docTitle>
  <titlePart type="desc">Who was BORN in NEWGATE,
       And during a Life of continu’d Variety for
       Threescore Years, besides her Childhood, was
       Twelve Year a <hi>Whore</hi>, five times a <hi>Wife</hi> (wherof
       once to her own Brother) Twelve Year a <hi>Thief</hi>,
       Eight Year a Transported <hi>Felon</hi> in <hi>Virginia</hi>,
       at last grew <hi>Rich</hi>, liv’d <hi>Honest</hi>, and died a
       <hi>Penitent</hi>.
  </titlePart>
</docTitle>
```

**Content model**

```xml
<content>
  <macroRef key="macro.paraContent"/>
</content>
```

**Schema Declaration**

```xml
element titlePart
  {
    att.global.attributes,
    attribute type { "main" | "sub" | "alt" | "short" | "desc" }?,
    macro.paraContent
  }
```

130
Module textstructure

Attributes: 
att.global (@xml:id, @n, @xml:lang, @xml:space)
  (att.global.rendition (@rend, @style))
  (att.global/linking (@corresp, @schnx, @sameAs, @copyOf, @next, @prev, @exclude, @select))
  (att.global/facs (@facs))
  (att.global/change (@change))
  (att.global/responsibility (@cert, @resp))
  (att.global/source (@source))
att.typed (@type)
att.written (@hand)

Member of model/divBottomPart

Contained by
  core:  lg
  figures:  figure table
  textstructure:  back body div1 div2 div3 div4 div5 div6 div7 front group postscript

May contain
core:  abbr add address bibl cb cit date del desc email foreign gap graphic hi lb lg
  list listBibl milestone name note num pb ptr q ref stage time title unclear

derived-module-tei_tite:  colShift i ornament smcap sub sup ul

figures:  figure formula table
gaiji:  g
linking:  seg

transcr:  handShift

character data

Example

Example

<trailer>Explicit pars tertia</trailer>

Example

<trailer>
  <l> In stead of FINIS this advice <hi>I</hi> send. </l>
  <l> Let Rogues and Thieves beware of </lb>/
    <hi>Hamans</hi> END. </l>
</trailer>

From EEBO A87070

Content model

<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <TextNode/>
    <elementRef key="lg"/>
    <classRef key="model.gLike"/>
    <classRef key="model.phrase"/>
    <classRef key="model.inter"/>
    <classRef key="model.lLike"/>
    <classRef key="model.global"/>
  </alternate>
</content>
Schema Declaration

```xml
<element trailer {
    att.global.attributes, 
    att.typed.attributes, 
    att.written.attributes,
    {
        text
        | lg 
        | model.gLike 
        | model.phrase 
        | model.inter 
        | model.lLike 
        | model.global
    }
}
```

 `<ul>` (underline) for capturing typographical feature: underlined glyphs.

Namespace http://www.tei-c.org/ns/tite/1.0

Module derived-module-tei_tite

Attributes Attributes

`att.global` (@xml:id, @n, @xml:lang, @xml:space)

( att.global.rendition (@rend, @style) ) ( att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select) ) ( att.global.facs (@facs) )

( att.global.change (@change) ) ( att.global.responsibility (@cert, @resp) )

( att.global.source (@source) )

Member of model.hiLike

Contained by

core: `abbr add addrLine author bibl date del desc editor email foreign head hi item l label name note num p pubPlace publisher ref resp speaker stage time title unclear`

derived-module-tei_tite: `b i smcap sub sup ul`

figures: `cell formula`

linking: `ab seg`

textstructure: `byline closer dateline docAuthor docDate docEdition docImprint opener salute signed titlePart trailer`

May contain

core: `abbr add address bibl cb cit date del desc email foreign gap graphic hi l label lb lg list listBibl milestone name note num pb ptr q ref stage time title unclear`

derived-module-tei_tite: `b colShift i ornament smcap sub sup ul`

figures: `figure formula table`

gaiji: `g`

linking: `seg`

textstructure: `floatingText`

transcr: `handShift`

Character data

Content model

```xml
<content>
    <macroRef key="macro.paraContent"/>
</content>
```

Schema Declaration

```xml
<element ul { att.global.attributes, macro.paraContent }>
```
Module core
Attributes
att.global (@xml:id, @n, @xml:lang, @xml:space)
( att.global.rendition (@rend, @style) )
( att.global.linking (@corresp, @synch, @sameAs, @copyOf, @next, @prev, @exclude, @select) )
( att.global.facs (@facs) )
( att.global.change (@change) )
( att.global.responsibility (@cert, @resp) )
( att.global.source (@source) )

@reason indicates why the material is hard to transcribe.

Status Optional
Datatype 1–∞ occurrences of teidata.enumerated separated by whitespace
Suggested values include: illegible
inaudible
faded
background_noise
eccentric_ductus

Note One or more words may be used to describe the reason; usually each word will refer to a single cause.

Member of model.pPart.transcriptional

Contained by

core: abbr add addrLine author bibl date del editor email foreign head hi item label
name note num p pubPlace publisher q ref speaker stage time title unclear
derived-module-tei_tite: b i smcap sub sup ul
figures: cell
ing: ab seg
textstructure: byline closer dateline docAuthor docDate docEdition docImprint opener
signed titlePart trailer

May contain
core: abbr address bibl cb cit date del desc email foreign gap graphic hi label lb lg
list listBibl milestone name note num pb ptr q ref stage time title unclear
derived-module-tei_tite: b colShift i ornament smcap sub sup ul
figures: figure formula table
gaiji: g
linking: seg
textstructure: floatingText transcr: handShift
caracter data

Note The same element is used for all cases of uncertainty in the transcription of element content, whether for written or spoken material. For other aspects of certainty,
uncertainty, and reliability of tagging and transcription, see chapter 21. Certainty, Precision, and Responsibility.

The `<damage>`, `<gap>`, `<del>`, `<unclear>` and `<supplied>` elements may be closely allied in use. See section 11.3.3.2. Use of the gap, del, damage, unclear, and supplied Elements in Combination for discussion of which element is appropriate for which circumstance.

The `hand` attribute points to a definition of the hand concerned, as further discussed in section 11.3.2.1. Document Hands.

Example

```xml
<u>...and then <unclear reason="background-noise">Nathalie</unclear> said ...
</u>
```

Content model

```
<content>
  <macroRef key="macro.paraContent"/>
</content>
```

Schema Declaration

```
element unclear
{
  att.global.attributes,
  attribute reason
  {
    list
    {
      "illegible"
      | "inaudible"
      | "faded"
      | "background_noise"
      | "eccentric_ductus"
    }
  }
},
macro.paraContent
```

B.2 Model classes

**model.addrPart** groups elements such as names or postal codes which may appear as part of a postal address. [3.5.2. Addresses]

Module tei

Used by address

Members model.nameLike|model.nameLike.agent|name model.offsetLike
  model.placeStateLike|model.placeNamePart| addrLine

**model.addressLike** groups elements used to represent a postal or email address. [1. The TEI Infrastructure]

Module tei

Used by model.pPart.data
Bibliographic Citations and References

Module tei
Used by cit listBibl model.inter
Members bibl listBibl

Groups elements which represent components of a bibliographic description.

Module tei
Used by bibl
Members model.imprintPart.pubPlace publisher model.respLike.author editor respStmt bibl

Groups common chunk- and inter-level elements.

Module tei
Used by argument body div1 div2 div3 div4 div5 div6 div7 epigraph figure postscript
Members model.divPart model.lLike l model.pLike ab p lg sp
model.inter model.biblLike bibl listBibl model.egLike model.labelLike desc label
model.listLike list table model.oddDecl model.qLike model.quoteLike cit floatingText q model.stageLike stage ornament

This class defines the set of chunk- and inter-level elements; it is used in many content models, including those for textual divisions.

Groups elements containing temporal expressions.

Module tei
Used by model.pPart.data
Members date time

Groups elements which contain a description of their function.

Module tei
Used by gap graphic
Members desc

Groups top-level structural divisions.

Module tei
Used by back body front
Members div1
model.div2Like groups second-level structural divisions.

Module tei
Used by div1
groups second-level structural divisions.

Members div2

model.div3Like groups third-level structural divisions.

Module tei
Used by div2
Members div3

model.div4Like groups fourth-level structural divisions.

Module tei
Used by div3
Members div4

model.div5Like groups fifth-level structural divisions.

Module tei
Used by div4
Members div5

model.div6Like groups sixth-level structural divisions.

Module tei
Used by div5
Members div6

model.div7Like groups seventh-level structural divisions.

Module tei
Used by div6
Members div7

model.divBottom groups elements appearing at the end of a text division. Elements Common to All Divisions

Module tei
Used by body div1 div2 div3 div4 div5 div6 div7 figure front group lg list table
Members model.divBottomPart closer postscript signed trailer
model.divWrapper argument byline dateline docAuthor docDate epigraph salute
**model.divBottomPart** groups elements which can occur only at the end of a text division. [4.6. Title Pages]

*Module* tei

*Used by* back model.divBottom postscript

*Members* closer postscript signed trailer

**model.divPart** groups paragraph-level elements appearing directly within divisions. [1.3. The TEI Class System]

*Module* tei

*Used by* macro.specialPara model.common

*Members* model.lLike[l] model.pLike[ab p] lg sp

*Note* Note that this element class does not include members of the model.inter class, which can appear either within or between paragraph-level items.

**model.divTop** groups elements appearing at the beginning of a text division. [4.2. Elements Common to All Divisions]

*Module* tei

*Used by* body div1 div2 div3 div4 div5 div6 div7 group lg list

*Members* model.divTopPart model.headLike[head opener signed]

model.divWrapper argument byline dateline docAuthor docDate epigraph salute

**model.divTopPart** groups elements which can occur only at the beginning of a text division. [4.6. Title Pages]

*Module* tei

*Used by* model.divTop postscript

*Members* model.headLike[head opener signed]

**model.divWrapper** groups elements which can appear at either top or bottom of a textual division. [4.2. Elements Common to All Divisions]

*Module* tei

*Used by* model.divBottom model.divTop

*Members* argument byline dateline docAuthor docDate epigraph salute

**model.emphLike** groups phrase-level elements which are typographically distinct and to which a specific function can be attributed. [3.3. Highlighting and Quotation]

*Module* tei

*Used by* model.highlighted model.limitedPhrase

*Members* foreign title
B FORMAL SPECIFICATION

model.frontPart groups elements which appear at the level of divisions within front or back matter. [7.1. Front and Back Matter]

Module tei
Used by back front
Members model.frontPart.drama listBibl titlePage

model.gLike groups elements used to represent individual non-Unicode characters or glyphs.

Module tei
Used by bibl byline closer date dateline docImprint head macro.paraContent macro.phraseSeq macro.specialPara opener time trailer

Members g

model.global groups elements which may appear at any point within a TEI text. [1.3. The TEI Class System]

Module tei
Used by address argument back bibl body byline cit closer date dateline div1 div2 div3 div4 div5 div6 div7 docImprint docTitle epigraph figure floatingText front group head l lg list macro.paraContent macro.phraseSeq macro.phraseSeq.limited macro.specialPara opener postscript sp table text time titlePage trailer

Members model.global.edit gap model.global.meta model.milestoneLike cb colShift l b milestone pb model.noteLike note figure

model.global.edit groups globally available elements which perform a specifically editorial function. [1.3. The TEI Class System]

Module tei
Used by model.global
Members gap

model.graphicLike groups elements containing images, formulae, and similar objects. [3.9. Graphics and Other Non-textual Components]

Module tei
Used by figure formula model.phrase table
Members formula graphic

model.headLike groups elements used to provide a title or heading at the start of a text division.

Module tei
Used by argument figure listBibl model.divTopPart table
Members head
**model.hiLike** groups phrase-level elements which are typographically distinct but to which no specific function can be attributed. [3.3. Highlighting and Quotation]

*Module* tei

*Used by* formula model.highlighted model.limitedPhrase

*Members* b hi i smcap sub sup ul

---

**model.highlighted** groups phrase-level elements which are typographically distinct.

[3.3. Highlighting and Quotation]

*Module* tei

*Used by* bibl model.phrase

*Members* model.emphLike foreign title model.hiLike b hi i smcap sub sup ul

---

**model.imprintPart** groups the bibliographic elements which occur inside imprints.

[3.11. Bibliographic Citations and References]

*Module* tei

*Used by* model.biblPart

*Members* pubPlace publisher

---

**model.inter** groups elements which can appear either within or between paragraph-like elements. [1.3. The TEI Class System]

*Module* tei

*Used by* head macro.limitedContent macro.paraContent macro.specialPara model.common trailer

*Members* model.biblLike bibl listBibl model.egLike model.labelLike desc label model.listLike list table model.oddDecl model.qLike model.quoteLike cit floatingText q model.stageLike stage ornament

---

**model.lLike** groups elements representing metrical components such as verse lines.

*Module* tei

*Used by* head lg macro.paraContent model.divPart sp trailer

*Members* l

---

**model.labelLike** groups elements used to gloss or explain other parts of a document.

*Module* tei

*Used by* lg model.inter

*Members* desc label

---

**model.limitedPhrase** groups phrase-level elements excluding those elements primarily intended for transcription of existing sources. [1.3. The TEI Class System]

*Module* tei
**B  FORMAL SPECIFICATION**

Used by `macro.limitedContent` `macro.phraseSeq.limited

Members `model.emphLike` `foreign.title` `model.italicLike` `hi` `i` `smcap` `sub` `sup` `ul` `model.pPart.data` `model.addressLike` `address` `email` `model.dateLike` `date` `time` `model.measureLike` `num` `model.nameLike` `model.nameLike.agent` `name` `model.offsetLike` `model.placeStateLike` `model.placeNamePart` `model.pPart.editorial` `abbr` `model.pPart.msdesc` `model.phrase.xml` `model.ptrLike` `ptr` `ref`

---

**model.listLike** groups list-like elements. [3.7. Lists]

*Module* `tei`

*Used by* `back` `model.inter` `sp`

*Members* `list` `table`

---

**model.measureLike** groups elements which denote a number, a quantity, a measurement, or similar piece of text that conveys some numerical meaning. [3.5.3. Numbers and Measures]

*Module* `tei`

*Used by* `model.pPart.data`

*Members* `num`

---

**model.milestoneLike** groups milestone-style elements used to represent reference systems. [1.3. The TEI Class System] 3.10.3. Milestone Elements]

*Module* `tei`

*Used by* `listBibl` `model.global`

*Members* `cb` `colShift` `lb` `milestone` `pb`

---

**model.nameLike** groups elements which name or refer to a person, place, or organization.

*Module* `tei`

*Used by* `model.addrPart` `model.pPart.data`

*Members* `model.nameLike.agent` `name` `model.offsetLike` `model.placeStateLike` `model.placeNamePart`

*Note* A superset of the naming elements that may appear in datelines, addresses, statements of responsibility, etc.

---

**model.nameLike.agent** groups elements which contain names of individuals or corporate bodies. [3.5. Names, Numbers, Dates, Abbreviations, and Addresses]

*Module* `tei`

*Used by* `model.nameLike` `respStmt`

*Members* `name`

*Note* This class is used in the content model of elements which reference names of people or organizations.
**model.noteLike** groups globally-available note-like elements. [3.8. Notes, Annotation, and Indexing]

*Module* tei
*Used by* model.global
*Members* note

**model.pLike** groups paragraph-like elements.

*Module* tei
*Used by* back front model.divPart sp
*Members* ab p

**model.pLike.front** groups paragraph-like elements which can occur as direct constituents of front matter. [4.6. Title Pages]

*Module* tei
*Used by* back front
*Members* argument byline docAuthor docDate docEdition docImprint docTitle epigraph head titlePart

**model.pPart.data** groups phrase-level elements containing names, dates, numbers, measures, and similar data. [3.5. Names, Numbers, Dates, Abbreviations, and Addresses]

*Module* tei
*Used by* bibl model.limitedPhrase model.phrase
*Members* model.addressLike [address email] model.dateLike [date time]
model.measureLike [num] model.nameLike [agent name]
model.offsetLike model.placeStateLike [model.placeNamePart]

**model.pPart.edit** groups phrase-level elements for simple editorial correction and transcription. [3.4. Simple Editorial Changes]

*Module* tei
*Used by* bibl model.phrase
*Members* model.pPart.editorial [abbr] model.pPart.transcriptional [add del handShift unclear]

**model.pPart.editorial** groups phrase-level elements for simple editorial interventions that may be useful both in transcribing and in authoring. [3.4. Simple Editorial Changes]

*Module* tei
*Used by* model.limitedPhrase model.pPart.edit
*Members* abbr
model.pPart.transcriptional groups phrase-level elements used for editorial transcription of pre-existing source materials. [3.4. Simple Editorial Changes]

Module tei
Used by model.pPart.edit
Members add del handShift unclear

model.phrase groups elements which can occur at the level of individual words or phrases. [1.3. The TEI Class System]

Module tei
Used by byline closer date dateline docImprint head I macro.paraContent macro.phraseSeq macro.specialPara opener time trailer
Members model.graphicLike[formula graphic] model.highlighted model.emphLike[foreign title] model.hiLike[b hi i snocap sub sup il] model.lPart model.pPart.data model.addressLike[address email] model.dateLike[date time] model.measureLike[num] model.nameLike model.nameLike.agent[address email] model.offsetLike model.placeStateLike[hello placeStateLike] model.placeNamePart model.pPart.edit model.pPart.editorial[abbr] model.pPart.transcriptional[add del handShift unclear] model.pPart.msdesc model.phrase.xml model.ptrLike[ptr ref] model.qLike[seg] model.specDescLike

Note This class of elements can occur within paragraphs, list items, lines of verse, etc.

model.placeStateLike groups elements which describe changing states of a place.

Module tei
Used by model.nameLike
Members model.placeNamePart

model.ptrLike groups elements used for purposes of location and reference. [3.6. Simple Links and Cross-References]

Module tei
Used by bibl cit model.limitedPhrase model.phrase
Members ptr ref

model.qLike groups elements related to highlighting which can appear either within or between chunk-level elements. [3.3. Highlighting and Quotation]

Module tei
Used by cit macro.phraseSeq model.inter sp
Members model.quoteLike[cit] floatingText

model.quoteLike groups elements used to directly contain quotations.

Module tei

142
model.respLike groups elements which are used to indicate intellectual or other significant responsibility, for example within a bibliographic element.

Module tei
Used by model.biblPart
Members cit

model.segLike groups elements used for arbitrary segmentation. [16.3. Blocks, Segments, and Anchors 17.1. Linguistic Segment Categories]

Module tei
Used by bibl model.phrase
Members seg
Note The principles on which segmentation is carried out, and any special codes or attribute values used, should be defined explicitly in the <segmentation> element of the <encodingDesc> within the associated TEI header.

model.stageLike groups elements containing stage directions or similar things defined by the module for performance texts. [7.3. Other Types of Performance Text]

Module tei
Used by lg model.inter sp
Members stage
Note Stage directions are members of class inter: that is, they can appear between or within component-level elements.

model.titlePagePart groups elements which can occur as direct constituents of a title page, such as <docTitle>, <docAuthor>, <docImprint>, or <epigraph>. [4.6. Title Pages]

Module tei
Used by titlePage
Members argument byline docAuthor docDate docEdition docImprint docTitle epigraph graphic ornament titlePart

B.3 Attribute classes

att.ascribed.directed provides attributes for elements representing speech or action that can be directed at a group or individual. [3.3.3. Quotation 8.3. Elements Unique to Spoken Texts]

Module tei
Members q sp stage
Attributes Attributes
@toWhom indicates the person, or group of people, to whom a speech act or action is directed.

**Status**: Optional

**Datatype**: $1\to\infty$ occurrences of `$\text{teidata.pointer}$` separated by whitespace

In the following example from Mary Pix’s *The False Friend*, speeches (`<sp>` in the body of the play are linked to `<castItem>` elements in the `<castList>` using the `toWhom` attribute, which is used to specify who the speech is directed to. Additionally, the `<stage>` includes `toWhom` to indicate the directionality of the action. `<castItem type="role">` ...

Note To indicate the recipient of written correspondence, use the elements used in section 2.4.6. Correspondence Description, rather than a `toWhom` attribute.

---

`att.datable` provides attributes for normalization of elements that contain dates, times, or datable events. [3.5.4. Dates and Times | 13.3.7. Dates and Times]

**Module**: `tei`

**Members**: `name`, `resp`, `title`

**Attributes**: `att.datable.w3c` (@when, @from, @to)

@calendar indicates the system or calendar to which the date represented by the content of this element belongs.

**Status**: Optional

**Datatype**: `$\text{teidata.pointer}$`

**Schematron**: `<sch:rule context="tei:*[@calendar]">` ...

He was born on `<date calendar="#gregorian">Feb. 22, 1732</date>` ($<\text{date calendar="#gregorian" when="1732-02-22"> Feb. 11, 1731/32, 0.S.</text>\text{date}>$).

Note: Note that the `calendar` attribute (unlike `datingMethod`
att.datable.w3c defines the calendar system of the date in the original material defined by the parent element, not the calendar to which the date is normalized.

This superclass provides attributes that can be used to provide normalized values of temporal information. By default, the attributes from the att.datable.w3c class are provided. If the module for names & dates is loaded, this class also provides attributes from the att.datable.iso and att.datable.custom classes. In general, the possible values of attributes restricted to the W3C datatypes form a subset of those values available via the ISO 8601 standard. However, the greater expressiveness of the ISO datatypes may not be needed, and there exists much greater software support for the W3C datatypes.

att.datable.w3c provides attributes for normalization of elements that contain datable events conforming to the W3C XML Schema Part 2: Datatypes Second Edition.

Module
tei

Members
att.datable
name
resp
title

Attributes

Attributes

@when supplies the value of the date or time in a standard form, e.g.

yyyy-mm-dd.

Status Optional

Datatype

tedata.temporal.w3c

Examples of W3C date, time, and date & time formats.

<p>
<date when="1945-10-24">24 Oct 45</date>
<date when="1996-09-24T07:25:00Z">September 24th, 1996 at 3:25 in the morning</date>
<time when="1999-01-04T20:42:00-05:00">Jan 4 1999 at 8 pm</time>
<time when="14:12:38">fourteen twelve and 38 seconds</time>
<date when="1962-10">October of 1962</date>
<date when="06-12">June 12th</date>
<date when="08">the first of the month</date>
<date when="08">August</date>
<date when="2006">MMVI</date>
<date when="0056">AD 56</date>
<date when="-0056">56 BC</date>
</p>

This list begins in the year 1632, more precisely on Trinity Sunday, i.e. the Sunday after Pentecost, in that year the
<date calendar="#julian" when="1632-06-06">27th of May (old style)</date>.

<opener>
<dateline>
<placeName>Dorchester, Village</placeName>
<date when="1828-03-02">March 2d. 1828.</date>
</dateline>
<salute>To Mrs. Cornell</salute> Sunday
<time when="12:00:00">noon</time>
</opener>

@from indicates the starting point of the period in standard form, e.g.

yyyy-mm-dd.
Status Optional
Datatype |teidata.temporal.w3c

@to indicates the ending point of the period in standard form, e.g. yyyy-mm-dd.
Status Optional
Datatype |teidata.temporal.w3c

Schematron <sch:rule context="tei:*[@when]">
  <sch:report test="@notBefore|@notAfter|@from|@to" role="nonfatal">The
  @when attribute cannot be used with any other att.datable.w3c
  attributes.</sch:report> </sch:rule>
Schematron <sch:rule context="tei:*[@from]"> <sch:report test="@notBefore"
  role="nonfatal">The @from and @notBefore attributes cannot be used
  together.</sch:report> </sch:rule>
Schematron <sch:rule context="tei:*[@to]"> <sch:report test="@notAfter"
  role="nonfatal">The @to and @notAfter attributes cannot be used
  together.</sch:report> </sch:rule>

Example

```xml
<date from="1863-05-28" to="1863-06-01">28 May through 1 June 1863</date>
```

Note The value of these attributes should be a normalized representation of the date,
time, or combined date & time intended, in any of the standard formats specified by
The most commonly-encountered format for the date portion of a temporal attribute
is yyyy-mm-dd, but yyyy, --mm, ---dd, yyyy-mm, or --mm-dd may also be
used. For the time part, the form hh:mm:ss is used.
Note that this format does not currently permit use of the value 0000 to represent
the year 1 BCE; instead the value -0001 should be used.

---

att.declarable provides attributes for those elements in the TEI header which may be
independently selected by means of the special purpose decls attribute. [15.3.
Associating Contextual Information with a Text]

Module tei
Members bibl listBibl
Attributes Attributes
  @default indicates whether or not this element is selected by default when its
  parent is selected.
  Status Optional
  Datatype |teidata.truthValue
  Legal values are: true This element is selected if its parent is selected
  false This element can only be selected explicitly, unless it is the
  only one of its kind, in which case it is selected if its parent is
  selected.[Default]

The rules governing the association of declarable elements with individual parts of a
TEI text are fully defined in chapter 15.3. Associating Contextual Information with
a Text. Only one element of a particular type may have a default attribute with a
value of true.
att.docStatus provides attributes for use on metadata elements describing the status of a document.

Module tei
Members bibl
Attributes

@status describes the status of a document either currently or, when associated with a dated element, at the time indicated.

Status Optional
Datatype tei:datum:enumerated

Sample values include: approved
candidate
cleared
deprecated
draft [Default]
embargoed
expired
frozen
galley
proposed
published
recommendation
submitted
unfinished
withdrawn

Example

```xml
<revisionDesc status="published">
  <change when="2010-10-21" status="published"/>
  <change when="2010-10-02" status="cleared"/>
  <change when="2010-08-02" status="embargoed"/>
  <change when="2010-05-01" status="frozen" who="#MSM"/>
  <change when="2010-03-01" status="draft" who="#LB"/>
</revisionDesc>
```

att.fragmentable provides an attribute for representing fragmentation of a structural element, typically as a consequence of some overlapping hierarchy.

Module tei
Members
Attributes

@part specifies whether or not its parent element is fragmented in some way, typically by some other overlapping structure: for example a speech which is divided between two or more verse stanzas, a paragraph which is split across a page division, a verse line which is divided between two speakers.

Status Optional
**Datatype**: `teidata.enumerated`  
**Legal values are**:  
- **Y** (yes) the element is fragmented in some unspecified respect  
- **N** (no) the element is not fragmented, or no claim is made as to its completeness[Default]  
- **I** (initial) this is the initial part of a fragmented element  
- **M** (medial) this is a medial part of a fragmented element  
- **F** (final) this is the final part of a fragmented element  

**Note**: The values I, M, or F should be used only where it is clear how the element may be reconstituted.

---

**att.global** provides attributes common to all elements in the TEI encoding scheme.

**1.3.1.1. Global Attributes**

**Module** `tei`

**Members**  
- `abbr`  
- `add`  
- `addrLine`  
- `address`  
- `argument`  
- `author`  
- `b`  
- `back`  
- `bibl`  
- `body`  
- `byline`  
- `cb`  
- `cell`  
- `closer`  
- `colShift`  
- `date`  
- `dateline`  
- `del`  
- `desc`  
- `div1`  
- `div2`  
- `div3`  
- `div4`  
- `div5`  
- `div6`  
- `div7`  
- `docAuthor`  
- `docDate`  
- `docEdition`  
- `docImprint`  
- `docTitle`  
- `editor`  
- `email`  
- `epigraph`  
- `figure`  
- `floatingText`  
- `foreign`  
- `formula`  
- `front`  
- `g`  
- `gap`  
- `graphic`  
- `group`  
- `handShift`  
- `head`  
- `hi`  
- `i`  
- `item`  
- `l`  
- `label`  
- `lb`  
- `lg`  
- `list`  
- `listBibl`  
- `milestone`  
- `name`  
- `note`  
- `num`  
- `opener`  
- `ornament`  
- `p`  
- `pb`  
- `postscript`  
- `ptr`  
- `pubPlace`  
- `publisher`  
- `q`  
- `ref`  
- `resp`  
- `respStmt`  
- `row`  
- `salute`  
- `seg`  
- `signed`  
- `smcap`  
- `sp`  
- `speaker`  
- `stage`  
- `sub`  
- `sup`  
- `table`  
- `text`  
- `time`  
- `title`  
- `titlePage`  
- `titlePart`  
- `trailer`  
- `ul`  
- `unclear`

**Attributes**  
- `@xml:id` (identifier) provides a unique identifier for the element bearing the attribute.  
  **Status** Optional  
  **Datatype** `ID`  
  **Note**: The `xml:id` attribute may be used to specify a canonical reference for an element; see section 3.10. Reference Systems.  
- `@n` (number) gives a number (or other label) for an element, which is not necessarily unique within the document.  
  **Status** Optional  
  **Datatype** `teidata.text`  
  **Note**: The value of this attribute is always understood to be a single token, even if it contains space or other punctuation characters, and need not be composed of numbers only. It is typically used to specify the numbering of chapters, sections, list items, etc.; it may also be used in the specification of a standard reference system for the text.  
- `@xml:lang` (language) indicates the language of the element content using a tag generated according to BCP 47.  
  **Status** Optional  
  **Datatype** `teidata.language`

```xml
<p>... The consequences of this rapid depopulation were the loss of the last</p>
<foreign xml:lang="rap">ariki</foreign> or chief</code>
```
Note The xml:lang value will be inherited from the immediately enclosing element, or from its parent, and so on up the document hierarchy. It is generally good practice to specify xml:lang at the highest appropriate level, noticing that a different default may be needed for the teiHeader from that needed for the associated resource element or elements, and that a single TEI document may contain texts in many languages.

The authoritative list of registered language subtags is maintained by IANA and is available at http://www.iana.org/assignments/language-subtag-registry. For a good general overview of the construction of language tags, see http://www.w3.org/International/articles/language-tags/, and for a practical step-by-step guide, see https://www.w3.org/International/questions/qa-choosing-language-tags.en.php.

The value used must conform with BCP 47. If the value is a private use code (i.e., starts with x- or contains -x-), a <language> element with a matching value for its ident attribute should be supplied in the TEI header to document this value. Such documentation may also optionally be supplied for non-private-use codes, though these must remain consistent with their (IETF) Internet Engineering Task Force definitions.

@xml:space signals an intention about how white space should be managed by applications. Status Optional

Datatype teidata.enumerated

Legal values are: default signals that the application’s default white-space processing modes are acceptable

preserve indicates the intent that applications preserve all white space

Note The XML specification provides further guidance on the use of this attribute. Note that many parsers may not handle xml:space correctly.

att.global.change supplies the change attribute, allowing its member elements to specify one or more states or revision campaigns with which they are associated.

Module transcr

Members att.global abbr add addrLine address argument author b back bibl body byline cb cell closer colShift date dateline del desc div1 div2 div3 div4 div5 div6 div7 docAuthor docDate docEdition docImprint docTitle editor email epigraph figure floatingText foreign formula front gap graphic group handShift head hi item l label li lg list listBibl milestone name note num opener ornament p pb postscript ptr pubPlace publisher q ref resp respStmt row salute seg signed smcap sp speaker stage sub sup table text time title titlePage titlePart trailer ul unclear

Attributes

@change points to one or more <change> elements documenting a state or revision campaign to which the element bearing this attribute and its children have been assigned by the encoder.

Status Optional
att.global.facs provides an attribute used to express correspondence between an element containing transcribed text and all or part of an image representing that text. [11.1. Digital Facsimiles]

Module transcr

Members att.global

Attributes

@facs (facsimile) points to all or part of an image which corresponds with the content of the element.

Status Optional

Datatype 1–∞ occurrences of teidata.pointer separated by whitespace

att.global.linking provides a set of attributes for hypertextual linking. [16. Linking, Segmentation, and Alignment]

Module linking

Members att.global

Attributes

@corresp (corresponds) points to elements that correspond to the current element in some way.

Status Optional

Datatype 1–∞ occurrences of teidata.pointer separated by whitespace

<group>
  <text xml:id="t1-g1-t1" xml:lang="mi">
    <body xml:id="t1-g1-t1-body1">
      <div type="chapter">
        <head>He Whakamaramatanga mo te Ture Hoko, Riihi hoki, i nga Whenua Maori, 1876.</head>
        <p>…</p>
      </div>
    </body>
  </text>
</group>
<head>An Act to regulate the Sale, Letting, and Disposal of Native Lands, 1876.</head>

In this example a <group> contains two <text>s, each containing the same document in a different language. The correspondence is indicated using corresp. The language is indicated using xml:lang, whose value is inherited; both the tag with the corresp and the tag pointed to by the corresp inherit the value from their immediate parent.

<!-- In a placeography called "places.xml" -->
<place xml:id="LOND1" corresp="people.xml#LOND2 people.xml#GENI1">
  <placeName>London</placeName>
  <desc>The city of London...</desc>
</place>

<!-- In a literary personography called "people.xml" -->
<person xml:id="LOND2" corresp="places.xml#LOND1 #GENI1">
  <persName type="lit">London</persName>
  <note>
    <p>Allegorical character representing the city of</p>
    <placeName ref="places.xml#LOND1">London</placeName>.</note>
</person>

<person xml:id="GENI1" corresp="places.xml#LOND1 #LOND2">
  <persName type="lit">London’s Genius</persName>
  <note>
    <p>Personification of London’s genius. Appears as an allegorical character in mayoral shows.</p>
  </note>
</person>

In this example, a <place> element containing information about the city of London is linked with two <person> elements in a literary personography. This correspondence represents a slightly looser relationship than the one in the preceding example; there is no sense in which an allegorical character could be substituted for the physical city, or vice versa, but there is obviously a correspondence between them.

@synch (synchronous) points to elements that are synchronous with the current element.

Status Optional

Datatype 1–∞ occurrences of teidata.pointer separated by whitespace

@sameAs points to an element that is the same as the current element.

Status Optional

Datatype teidata.pointer

@copyOf points to an element of which the current element is a copy.

Status Optional

Datatype teidata.pointer

Note Any content of the current element should be ignored. Its true content is that of the element being pointed at.

@next points to the next element of a virtual aggregate of which the current element is part.
Status Optional
Datatype `teidata.pointer`

Note It is recommended that the element indicated be of the same type as the element bearing this attribute.

@prev (previous) points to the previous element of a virtual aggregate of which the current element is part.
Status Optional
Datatype `teidata.pointer`

Note It is recommended that the element indicated be of the same type as the element bearing this attribute.

@exclude points to elements that are in exclusive alternation with the current element.
Status Optional
Datatype 1–∞ occurrences of `teidata.pointer` separated by whitespace

@select selects one or more alternants; if one alternant is selected, the ambiguity or uncertainty is marked as resolved. If more than one alternant is selected, the degree of ambiguity or uncertainty is marked as reduced by the number of alternants not selected.
Status Optional
Datatype 1–∞ occurrences of `teidata.pointer` separated by whitespace

Note This attribute should be placed on an element which is superordinate to all of the alternants from which the selection is being made.

**att.global.rendition** provides rendering attributes common to all elements in the TEI encoding scheme. [1.3.1.1.3. Rendition Indicators]

**Module** tei

**Members** att.global abbr add addrLine address argument author b back bibl body byline ch cell closer colShift date dateline del desc div1 div2 div3 div4 div5 div6 div7 docAuthor docDate docEdition docImprint docTitle editor email epigraph figure floatingText foreign formula front g gap graphic group handShift head hi item l label lb lg listListBibl milestone name note num opener ornament p pb postscript ptr pubPlace publisher q ref resp respStmt row salute seg signed smcap sp speaker stage sub sup table text time title titlePage titlePart trailer ul unclear

**Attributes** Attributes

@rend (rendition) indicates how the element in question was rendered or presented in the source text.
Status Optional
Datatype 1–∞ occurrences of `teidata.word` separated by whitespace

```xml
<head rend="align(center) case(allcaps)"> 
  <lb/>To The <lb/>Duchesse <lb/>of <lb/>Newcastle, 
  <lb/>On Her <lb/> 
  <hi rend="case(mixed)">New Blazing-World</hi>. 
</head>

Note These Guidelines make no binding recommendations for the values of the rend attribute; the characteristics of visual presentation vary too much from text to text and the decision to record or ignore individual characteristics varies too much from project to project. Some potentially
useful conventions are noted from time to time at appropriate points in the Guidelines. The values of the *rend* attribute are a set of sequence-indeterminate individual tokens separated by whitespace.

**@style** contains an expression in some formal style definition language which defines the rendering or presentation used for this element in the source text.

*Status* Optional  
*Datatype* `teidata.text`

```xml
</head>
```

**Note** Unlike the attribute values of *rend*, which uses whitespace as a separator, the *style* attribute may contain whitespace. This attribute is intended for recording inline stylistic information concerning the source, not any particular output.

The formal language in which values for this attribute are expressed may be specified using the `<styleDefDecl>` element in the TEI header.

If *style* and *rendition* are both present on an element, then *style* overrides or complements *rendition*. *style* should not be used in conjunction with *rend*, because the latter does not employ a formal style definition language.

**att.global.responsibility** provides attributes indicating the agent responsible for some aspect of the text, the markup or something asserted by the markup, and the degree of certainty associated with it. [1.3.1.1.4. Sources, certainty, and responsibility 3.4. Simple Editorial Changes 11.3.2.2. Hand, Responsibility, and Certainty Attributes 17.3. Spans and Interpretations 13.1.1. Linking Names and Their Referents]

**Module** `tei`

**Members** `att.global abbr add addrLine address argument author b back bibl body byline cb cell closer colShift date dateline del desc div1 div2 div3 div4 div5 div6 div7 docAuthor docDate docEdition docImprint docTitle editor email epigraph figure floatingText foreign formula front g gap graphic group handShift head hi item j label lb lg list listBibl milestone name note num opener ornament p pb postscript ptr pubPlace publisher q ref resp respStmt row salute seg signed snicap sp speaker stage sup sub sup table text time title titlePage titlePart trailer ul unclear`

**Attributes**

**@cert** (certainty) signifies the degree of certainty associated with the intervention or interpretation.

*Status* Optional  
*Datatype* `teidata.probCert`

**@resp** (responsible party) indicates the agency responsible for the intervention or interpretation, for example an editor or transcriber.

*Status* Optional  
*Datatype* `teidata.pointer`

**Note** To reduce the ambiguity of a *resp* pointing directly to a person or organization, we recommend that *resp* be used to point not to an
agent (<person> or <org>) but to a <respStmt>, <author>, <editor> or similar element which clarifies the exact role played by the agent. Pointing to multiple <respStmt>s allows the encoder to specify clearly each of the roles played in part of a TEI file (creating, transcribing, encoding, editing, proofing etc.).

Example

Blessed are the
<choice>
  <sic>cheesemakers</sic>
  <corr resp=#editor cert="high">peacemakers</corr>
</choice>: for they shall be called the children of God.

Example

<!-- in the <text> ... -->
<!-- ... -->
<l>Punkes, Panders, base extortionizing
   sla<choice>
      <sic>n</sic>
      <corr resp=#JENS1_transcriber>u</corr>
   </choice>es</l>
<!-- ... -->
</lg>
<!-- in the <teilHeader> ... -->
<!-- ... -->
<respStmt xml:id="JENS1_transcriber">
  <resp when="2014">Transcriber</resp>
  <name>Janelle Jenstad</name>
</respStmt>

att.global.source provides an attribute used by elements to point to an external source. 1.3.1.1.4. Sources, certainty, and responsibility 3.3.3. Quotation 8.3.4. Writing

Module tei

Attributes

@source specifies the source from which some aspect of this element is drawn.

Status Optional

Datatype 1–∞ occurrences of teidata.pointer separated by whitespace

Note The source attribute points to an external source. When used on elements describing schema components such as <schemaSpec> or <moduleRef> it identifies the source from which declarations for the components of the object being defined may be obtained.

On other elements it provides a pointer to the bibliographical source from which a quotation or citation is drawn.
In either case, the location may be provided using any form of URI, for example an absolute URI, a relative URI, or private scheme URI that is expanded to an absolute URI as documented in a `<prefixDef>`.

If more than one location is specified, the default assumption is that the required source should be obtained by combining the resources indicated.

Example

```xml
<p>
  <!-- ... --> As Willard McCarty (<bibl xml:id="mcc_2012">2012, p.2</bibl>) tells us, <quote source="#mcc_2012">'Collaboration' is a problematic and should be a contested term.</quote>
  <!-- ... -->
</p>
```

Example

```xml
<p>
  <!-- ... -->
  <quote source="#chicago_15_ed">Grammatical theories are in flux, and the more we learn, the less we seem to know.</quote>
  <!-- ... -->
</p>

<bibl xml:id="chicago_15_ed">
</bibl>
```

Example

```xml
<elementRef key="p" source="tei:2.0.1"/>
```

Include in the schema an element named `<p>` available from the TEI P5 2.0.1 release.

Example

```xml
<schemaSpec ident="myODD"
  source="mycompiledODD.xml"> <!-- further declarations specifying the components required --> </schemaSpec>
```

Create a schema using components taken from the file mycompiledODD.xml.

**att.milestoneUnit** provides an attribute to indicate the type of section which is changing at a specific milestone. [3.10.3. Milestone Elements 2.3.6.3. Milestone Method 2.3.6. The Reference System Declaration]
@unit provides a conventional name for the kind of section changing at this milestone.

*Status* Required

*Datatype* teidata.enumerated

*Suggested values include:* page physical page breaks (synonymous with the `<pb>` element).

column column breaks.

line line breaks (synonymous with the `<lb>` element).

book any units termed book, liber, etc.

poem individual poems in a collection.

canto cantos or other major sections of a poem.

speaker changes of speaker or narrator.

stanza stanzas within a poem, book, or canto.

act acts within a play.

scene scenes within a play or act.

section sections of any kind.

absent passages not present in the reference edition.

unnumbered passages present in the text, but not to be included as part of the reference.

```xml
<milestone n="23" ed="La"
unit="Dreissiger"/>
... <milestone n="24" ed="AV"
unit="verse"/>
```

*Note* If the milestone marks the beginning of a piece of text not present in the reference edition, the special value absent may be used as the value of unit. The normal interpretation is that the reference edition does not contain the text which follows, until the next `<milestone>` tag for the edition in question is encountered.

In addition to the values suggested, other terms may be appropriate (e.g. Stephanus for the Stephanus numbers in Plato).

---

**att.notated** provides an attribute to indicate any specialised notation used for element content.

*Module* tei

*Members* seg

*Attributes* Attributes

  *@notation* names the notation used for the content of the element.

  *Status* Optional

  *Datatype* teidata.enumerated

---

**att.personal** (attributes for components of names usually, but not necessarily, personal names) common attributes for those elements which form part of a name usually, but not necessarily, a personal name. [13.2.1. Personal Names]

*Module* tei
att.pointing

Members

Attributes

Attributes

@full indicates whether the name component is given in full, as an abbreviation or simply as an initial.

Status Optional

Datatype teidata.enumerated

Legal values are: yes the name component is spelled out in full. [Default]

abb (abbreviated) the name component is given in an abbreviated form.

init (initial letter) the name component is indicated only by one initial.

@sort specifies the sort order of the name component in relation to others within the name.

Status Optional

Datatype teidata.count

att.pointing provides a set of attributes used by all elements which point to other elements by means of one or more URI references. [1.3.1.1.2. Language Indicators 3.6. Simple Links and Cross-References]

Module tei

Attributes

Attributes

@targetLang specifies the language of the content to be found at the destination referenced by target, using a language tag generated according to BCP 47.

Status Optional

Datatype teidata.language

Schematron

In the example above, the <linkGrp> combines pointers at parallel fragments of the Universal Declaration of Human Rights: one of them is in Polish, the other in Swahili.

Note The value must conform to BCP 47. If the value is a private use code (i.e., starts with x- or contains -x-), a <language> element with a matching value for its ident attribute should be supplied in the TEI header to document this value. Such documentation may also optionally be supplied for non-private-use codes, though these must remain consistent with their (IETF) Internet Engineering Task Force definitions.
**@target** specifies the destination of the reference by supplying one or more URI References

*Status* Optional

*Datatype* 1–∞ occurrences of `teidata.pointer` separated by whitespace

*Note* One or more syntactically valid URI references, separated by whitespace. Because whitespace is used to separate URIs, no whitespace is permitted inside a single URI. If a whitespace character is required in a URI, it should be escaped with the normal mechanism, e.g. TEI%20Consortium.

---

**att.resourced** provides attributes by which a resource (such as an externally held media file) may be located.

*Module* tei

*Members* graphic

*Attributes* Attributes

  *@url* (uniform resource locator) specifies the URL from which the media concerned may be obtained.

  *Status* Required

  *Datatype* `teidata.pointer`

---

**att.sortable** provides attributes for elements in lists or groups that are sortable, but whose sorting key cannot be derived mechanically from the element content. [9.1. Dictionary Body and Overall Structure]

*Module* tei

*Members* bibl item list listBibl

*Attributes* Attributes

  *@sortKey* supplies the sort key for this element in an index, list or group which contains it.

  *Status* Optional

  *Datatype* `teidata.word`

  David’s other principal backer, Josiah ha-Kohen
  <index xmlns="NAMES">
   <term sortKey="Azarya_Josiah_Kohen">Josiah ha-Kohen</term>
   Azarya</index>
  b. Azarya, son of one of the last gaons of Sura was David’s own first cousin.

  *Note* The sort key is used to determine the sequence and grouping of entries in an index. It provides a sequence of characters which, when sorted with the other values, will produced the desired order; specifics of sort key construction are application-dependent.

  Dictionary order often differs from the collation sequence of machine-readable character sets; in English-language dictionaries, an entry for 4·H will often appear alphabetized under fourth, and McCoy may be alphabetized under maccoy, while A1, A4, and A5 may all appear in numeric order alphabetized between a- and AA. The sort key is required if the orthography of the dictionary entry does not suffice to determine its location.
att.tableDecoration provides attributes used to decorate rows or cells of a table.

### Module figures

**Members**
- cell
- row

**Attributes**

- **@role** indicates the kind of information held in this cell or in each cell of this row.
  - **Status** Optional
  - **Datatype** teidata.enumerated
  - **Suggested values include**:
    - label labelling or descriptive information only.
    - data data values. [Default]
  - **Note** When this attribute is specified on a row, its value is the default for all cells in this row. When specified on a cell, its value overrides any default specified by the @role attribute of the parent <row> element.

- **@rows** indicates the number of rows occupied by this cell or row.
  - **Status** Optional
  - **Datatype** teidata.count
  - **Default** 1
  - **Note** A value greater than one indicates that this cell spans several rows. Where several cells span multiple rows, it may be more convenient to use nested tables.

- **@cols** (columns) indicates the number of columns occupied by this cell or row.
  - **Status** Optional
  - **Datatype** teidata.count
  - **Default** 1
  - **Note** A value greater than one indicates that this cell or row spans several columns. Where an initial cell spans an entire row, it may be better treated as a heading.

### att.timed

att.timed provides attributes common to those elements which have a duration in time, expressed either absolutely or by reference to an alignment map. [8.3.5. Temporal Information]

**Module** tei

**Members** gap

**Attributes**

- **@start** indicates the location within a temporal alignment at which this element begins.
  - **Status** Optional
  - **Datatype** teidata.pointer
  - **Note** If no value is supplied, the element is assumed to follow the immediately preceding element at the same hierarchic level.

- **@end** indicates the location within a temporal alignment at which this element ends.
  - **Status** Optional
**att.transcriptional** provides attributes specific to elements encoding authorial or scribal intervention in a text when transcribing manuscript or similar sources.

Module: *tei*

Members: *add del*

Attributes: *att.transcriptional* (att.written (@hand))

**@status** indicates the effect of the intervention, for example in the case of a deletion, strikeouts which include too much or too little text, or in the case of an addition, an insertion which duplicates some of the text already present.

*Status* Optional

Datatype: *teidata.enumerated*

Sample values include:
- **duplicate** all of the text indicated as an addition duplicates some text that is in the original, whether the duplication is word-for-word or less exact.
- **duplicate-partial** part of the text indicated as an addition duplicates some text that is in the original
- **excessStart** some text at the beginning of the deletion is marked as deleted even though it clearly should not be deleted.
- **excessEnd** some text at the end of the deletion is marked as deleted even though it clearly should not be deleted.
- **shortStart** some text at the beginning of the deletion is not marked as deleted even though it clearly should be.
- **shortEnd** some text at the end of the deletion is not marked as deleted even though it clearly should be.
- **partial** some text in the deletion is not marked as deleted even though it clearly should be.
- **unremarkable** the deletion is not faulty. [Default]

*Note* Status information on each deletion is needed rather rarely except in critical editions from authorial manuscripts; status information on additions is even less common.

Marking a deletion or addition as faulty is inescapably an interpretive act; the usual test applied in practice is the linguistic acceptability of the text with and without the letters or words in question.

**@cause** documents the presumed cause for the intervention.

*Status* Optional

Datatype: *teidata.enumerated*

**@seq** (sequence) assigns a sequence number related to the order in which the encoded features carrying this attribute are believed to have occurred.

*Status* Optional

Datatype: *teidata.count*

Module tei
Members add bibl ch date del div1 div2 div3 div4 div5 div6 div7 figure floatingText g group head label lb lg listBibl milestone name note pb ptr ref seg table text time trailer

Attributes Attributes
@type characterizes the element in some sense, using any convenient classification scheme or typology.
Status Optional
Datatype teidata.enumerated

<div type="verse">
  <head>Night in Tarras</head>
  <lg type="stanza">
    <l>At evening tramping on the hot white road</l>
    <l>. . .</l>
  </lg>
  <lg type="stanza">
    <l>A wind sprang up from nowhere as the sky</l>
    <l>. . .</l>
  </lg>
</div>

Note The type attribute is present on a number of elements, not all of which are members of att.typed, usually because these elements restrict the possible values for the attribute in a specific way.

Schematron <sch:rule context="tei:*[@subtype]"> <sch:assert test="@type">The <sch:element/> element should not be categorized in detail with @subtype unless also categorized in general with @type</sch:assert> </sch:rule>

Note When appropriate, values from an established typology should be used. Alternatively a typology may be defined in the associated TEI header. If values are to be taken from a project-specific list, this should be defined using the <valList> element in the project-specific schema description, as described in 23.3.1.4.
Modification of Attribute and Attribute Value Lists.

att.written provides an attribute to indicate the hand in which the content of an element was written in the source being transcribed. [1.3.1. Attribute Classes]

Module tei
Members att.transcriptional add del closer figure head hi label note opener p postscript salute seg signed text trailer

Attributes Attributes
@hand points to a <handNote> element describing the hand considered responsible for the content of the element concerned.

Status: Optional

Datatype: teidata.pointer

### B.4 Macros

**macro.limitedContent** (paragraph content) defines the content of prose elements that are not used for transcription of extant materials. [1.3. The TEI Class System]

**Module**: tei

**Used by**: desc

**Content model**:

```xml
<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <textNode/>
    <classRef key="model.limitedPhrase"/>
    <classRef key="model.inter"/>
  </alternate>
</content>
```

**Declaration**:

```
macro.limitedContent = ( text | model.limitedPhrase | model.inter )*  
```

**macro.paraContent** (paragraph content) defines the content of paragraphs and similar elements. [1.3. The TEI Class System]

**Module**: tei

**Used by**: ab add b del docEdition hi i p ref salute seg signed smcap sub sup title titlePart ul unclear

**Content model**:

```xml
<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <textNode/>
    <classRef key="model.gLike"/>
    <classRef key="model.phrase"/>
    <classRef key="model.inter"/>
    <classRef key="model.global"/>
    <elementRef key="lg"/>
    <classRef key="model.lLike"/>
  </alternate>
</content>
```

**Declaration**:

```
macro.paraContent = 
( text | model.gLike | model.phrase | model.inter | model.global | lg | model.  
```
**macro.phraseSeq** (phrase sequence) defines a sequence of character data and phrase-level elements. [1.4.1. Standard Content Models]

**Module** tei

**Used by** abbr, addrLine, author, docAuthor, docDate, editor, email, foreign, label, name, num, pubPlace, publisher, speaker

**Content model**

```xml
<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <textNode/>
    <classRef key="model.gLike"/>
    <classRef key="model.qLike"/>
    <classRef key="model.phrase"/>
    <classRef key="model.global"/>
  </alternate>
</content>
```

**Declaration**

```
macro.phraseSeq = ( text | model.gLike | model.qLike | model.phrase | model.global )*
```

---

**macro.phraseSeq.limited** (limited phrase sequence) defines a sequence of character data and those phrase-level elements that are not typically used for transcribing extant documents. [1.4.1. Standard Content Models]

**Module** tei

**Used by** resp

**Content model**

```xml
<content>
  <alternate minOccurs="0" maxOccurs="unbounded">
    <textNode/>
    <classRef key="model.limitedPhrase"/>
    <classRef key="model.global"/>
  </alternate>
</content>
```

**Declaration**

```
macro.phraseSeq.limited = ( text | model.limitedPhrase | model.global )*
```

---

**macro.specialPara** (*special* paragraph content) defines the content model of elements such as notes or list items, which either contain a series of component-level elements or else have the same structure as a paragraph, containing a series of phrase-level and inter-level elements. [1.3. The TEI Class System]

**Module** tei
B.5 Datatypes

teidata.certainty defines the range of attribute values expressing a degree of certainty.

Module tei

Used by teidata.probCert

Content model

```xml
<content>
  <valList type="closed">
    <valItem ident="high"/>
    <valItem ident="medium"/>
    <valItem ident="low"/>
    <valItem ident="unknown"/>
  </valList>
</content>
```

Declaration

```xml
teidata.certainty = "high" | "medium" | "low" | "unknown"
```

Note Certainty may be expressed by one of the predefined symbolic values high, medium, or low. The value unknown should be used in cases where the encoder does not wish to assert an opinion about the matter.

itemid.count defines the range of attribute values used for a non-negative integer value used as a count.

Module tei

Used by Element:

- colShift/@cols
- table/@rows
teidata.duration.iso

defines the range of attribute values available for representation of a duration in time using ISO 8601 standard formats

Module tei

Used by

Content model

```
<content>
  <dataRef name="nonNegativeInteger"/>
</content>
```

Declaration

```
teidata.count = xsd:nonNegativeInteger
```

Note Any positive integer value or zero is permitted

---

teidata.duration.iso

```
declares the range of attribute values available for representation of a duration in time using ISO 8601 standard formats
```

Module tei

Used by

Content model

```
<content>
  <dataRef name="token"
    restriction="[0-9.,DHMPRSTWYZ/:+\-]+"/>
</content>
```

Declaration

```
teidata.duration.iso = token { pattern = "[0-9.,DHMPRSTWYZ/:+\-]+" }
```

Example

```
<time dur-iso="PT0,75H">three-quarters of an hour</time>
```

Example

```
<date dur-iso="P1,5D">a day and a half</date>
```

Example

```
<date dur-iso="P14D">a fortnight</date>
```

Example

```
<time dur-iso="PT0.02S">20 ms</time>
```

Note A duration is expressed as a sequence of number-letter pairs, preceded by the letter P; the letter gives the unit and may be Y (year), M (month), D (day), H (hour), M (minute), or S (second), in that order. The numbers are all unsigned integers, except for the last, which may have a decimal component (using either . or , as the decimal point; the latter is preferred). If any number is 0, then that number-letter pair may be omitted. If any of the H (hour), M (minute), or S (second) number-letter pairs are present, then the separator T must precede the first time number-letter pair. For complete details, see ISO 8601 Data elements and interchange formats — Information interchange — Representation of dates and times.
teidata.duration.w3c defines the range of attribute values available for representation of a duration in time using W3C datatypes.

Module tei

Used by

Content model
<content> <dataRef name="duration"/></content>

Declaration teidata.duration.w3c = xsd:duration

Example

<time dur="PT45M">forty-five minutes</time>

Example
<date dur="P1DT12H">a day and a half</date>

Example
<date dur="P7D">a week</date>

Example
<time dur="PT0.02S">20 ms</time>

Note A duration is expressed as a sequence of number-letter pairs, preceded by the letter P; the letter gives the unit and may be Y (year), M (month), D (day), H (hour), M (minute), or S (second), in that order. The numbers are all unsigned integers, except for the S number, which may have a decimal component (using . as the decimal point). If any number is 0, then that number-letter pair may be omitted. If any of the H (hour), M (minute), or S (second) number-letter pairs are present, then the separator T must precede the first time number-letter pair.

For complete details, see the W3C specification.

---

teidata.enumerated defines the range of attribute values expressed as a single XML name taken from a list of documented possibilities.

Module tei

Used by Element:

- desc/@type
- gap/@reason
- list/@type
- num/@type
- q/@type
- title/@type
- title/@level
- titlePage/@type
- titlePart/@type
- unclear/@reason

Content model <content> <dataRef key="teidata.word"/></content>

Declaration teidata.enumerated = teidata.word
teidata.language defines the range of attribute values used to identify a particular combination of human language and writing system. [6.1. Language Identification]

Module tei

Used by

Content model

```xml
<content>
  <alternate>
    <dataRef name="language"/>
    <valList>
      <valItem ident=""/>
    </valList>
  </alternate>
</content>
```

Declaration `teidata.language = xsd:language | ( "" )`

Note The values for this attribute are language tags as defined in BCP 47. Currently BCP 47 comprises RFC 5646 and RFC 4647; over time, other IETF documents may succeed these as the best current practice.

A language tag, per BCP 47, is assembled from a sequence of components or subtags separated by the hyphen character (-, U+002D). The tag is made of the following subtags, in the following order. Every subtag except the first is optional. If present, each occurs only once, except the fourth and fifth components (variant and extension), which are repeatable.

**language** The IANA-registered code for the language. This is almost always the same as the ISO 639 2-letter language code if there is one. The list of available registered language subtags can be found at [http://www.iana.org/assignments/language-subtag-registry](http://www.iana.org/assignments/language-subtag-registry). It is recommended that this code be written in lower case.

**script** The ISO 15924 code for the script. These codes consist of 4 letters, and it is recommended they be written with an initial capital, the other three letters in lower case. The canonical list of codes is maintained by the Unicode Consortium, and is available at [http://unicode.org/iso15924/iso15924-codes.html](http://unicode.org/iso15924/iso15924-codes.html). The IETF recommends this code be omitted unless it is necessary to make a distinction you need.

**region** Either an ISO 3166 country code or a UN M.49 region code that is registered with IANA (not all such codes are registered, e.g. UN codes for economic groupings or codes for countries for which there is already an ISO 3166 2-letter code are not registered). The former consist of 2 letters, and it is recommended they be written in upper case; the list of codes can be searched or browsed at [https://www.iso.org/obp/ui/#search/code/](https://www.iso.org/obp/ui/#search/code/). The latter consist of 3 digits; the list of codes can be found at [http://unstats.un.org/unsd/methods/m49/m49.htm](http://unstats.un.org/unsd/methods/m49/m49.htm).
variant An IANA-registered variation. These codes are used to indicate additional, well-recognized variations that define a language or its dialects that are not covered by other available subtags.

extension An extension has the format of a single letter followed by a hyphen followed by additional subtags. These exist to allow for future extension to BCP 47, but as of this writing no such extensions are in use.

private use An extension that uses the initial subtag of the single letter x (i.e., starts with x-) has no meaning except as negotiated among the parties involved. These should be used with great care, since they interfere with the interoperability that use of RFC 4646 is intended to promote. In order for a document that makes use of these subtags to be TEI-conformant, a corresponding `<language>` element must be present in the TEI header.

There are two exceptions to the above format. First, there are language tags in the IANA registry that do not match the above syntax, but are present because they have been grandfathered from previous specifications.

Second, an entire language tag can consist of only a private use subtag. These tags start with x-, and do not need to follow any further rules established by the IETF and endorsed by these Guidelines. Like all language tags that make use of private use subtags, the language in question must be documented in a corresponding `<language>` element in the TEI header.

Examples include

- **sn** Shona
- **zh-TW** Taiwanese
- **zh-Hant-HK** Chinese written in traditional script as used in Hong Kong
- **en-SL** English as spoken in Sierra Leone
- **pl** Polish
- **es-MX** Spanish as spoken in Mexico
- **es-419** Spanish as spoken in Latin America

The W3C Internationalization Activity has published a useful introduction to BCP 47, Language tags in HTML and XML.

---

teidata.numeric defines the range of attribute values used for numeric values.

**Module** tei

**Used by**

**Content model**

```xml
<content>
  <alternate>
    <dataRef name="double"/>
    <dataRef name="token"
      restriction="\-?[\d]+/\-?[\d]+"/>
    <dataRef name="decimal"/>
  </alternate>
</content>
```

**Declaration**

168
teidata.outputMeasurement defines a range of values for use in specifying the
size of an object that is intended for display.

Module tei

Used by

Content model

```xml
<content>
  <dataRef name="token"
    restriction="[\-+]?\d+(\.\d+)?(%|cm|mm|in|pt|pc|px|em|ex|gd|rem|vw|vh|vm)"/>
</content>
```

Declaration

```xml
teidata.outputMeasurement =
  token
  { pattern = "[\-+]?\d+(\.\d+)?(%|cm|mm|in|pt|pc|px|em|ex|gd|rem|vw|vh|vm)"
}
```

Example

```xml
<figure>
  <head>The TEI Logo</head>
  <figDesc>Stylized yellow angle brackets with the letters</figDesc>
  <mentioned>TEI</mentioned> in between and text encoding initiative<mentioned> underneath, all on a white background.</figDesc>
  <graphic height="600px" width="600px"
    url="http://www.tei-c.org/logos/TEI-600.jpg"/>
</figure>
```

Note These values map directly onto the values used by XSL-FO and CSS. For definitions of the units see those specifications; at the time of this writing the most complete list is in the CSS3 working draft.
teidata.point defines the data type used to express a point in cartesian space.

Module tei
Used by
Content model

```
<content>
  <dataRef name="token"
</content>
```

Declaration

```

Example

```
<facsimile>
  <surface ulx="0" uly="0" lrx="400" lry="280">
    <zone points="220,100 300,210 170,250 123,234">
      <graphic url="handwriting.png "/>
    </zone>
  </surface>
</facsimile>
```

Note A point is defined by two numeric values, which should be expressed as decimal numbers. Neither number can end in a decimal point. E.g., both 0.0,84.2 and 0,84 are allowed, but 0.,84. is not.

---

teidata.pointer defines the range of attribute values used to provide a single URI, absolute or relative, pointing to some other resource, either within the current document or elsewhere.

Module tei
Used by Element:

- `handShift/@new`

Content model

```
<content> <dataRef name="anyURI"/></content>
```

Declaration

```
teidata.pointer = xsd:anyURI```

Note The range of syntactically valid values is defined by RFC 3986 Uniform Resource Identifier (URI): Generic Syntax. Note that the values themselves are encoded using RFC 3987 Internationalized Resource Identifiers (IRIs) mapping to URIs. For example, https://secure.wikimedia.org/wikipedia/en/wiki/% is encoded as https://secure.wikimedia.org/wikipedia/en/wiki/%25 while http://موقع.وزارة-الاتصالات.مصر is encoded as http://xn--4gbrim.xn----rmckbbajlc6dj7bxne2c.xn--wgbh1c/

---

teidata.probCert defines a range of attribute values which can be expressed either as a numeric probability or as a coded certainty value.

Module tei
Used by
teidata.probability defines the range of attribute values expressing a probability.

Module: tei
Used by: teidata.probCert

Content model

```xml
<content>
  <alternate>
    <dataRef name="double"/>
  </alternate>
</content>
```

Declaration

```
teidata.probCert = teidata.probability | teidata.certainty
```

Note: Probability is expressed as a real number between 0 and 1; 0 representing certainly false and 1 representing certainly true.

---

teidata.temporal.w3c defines the range of attribute values expressing a temporal expression such as a date, a time, or a combination of them, that conform to the W3C XML Schema Part 2: Datatypes Second Edition specification.

Module: tei
Used by: Element:
- `docDate/@when`

Content model

```xml
<content>
  <alternate>
    <dataRef name="date"/>
    <dataRef name="gYear"/>
    <dataRef name="gMonth"/>
    <dataRef name="gDay"/>
    <dataRef name="gYearMonth"/>
    <dataRef name="gMonthDay"/>
    <dataRef name="time"/>
    <dataRef name="dateTime"/>
  </alternate>
</content>
```

Declaration

```
teidata.temporal.w3c = xsd:date | xsd:gYear | xsd:gMonth | xsd:gDay | xsd:gYearMonth
```


**B FORMAL SPECIFICATION**

| xsd:gMonthDay | xsd:time | xsd:dateTime |

*Note* If it is likely that the value used is to be compared with another, then a time zone indicator should always be included, and only the dateTime representation should be used.

---

**teidata.text** defines the range of attribute values used to express some kind of identifying string as a single sequence of unicode characters possibly including whitespace.

*Module* tei

*Used by*

*Content model* `<content> <dataRef name="string"/></content>`

*Declaration* 

```
teidata.text = string
```

*Note* Attributes using this datatype must contain a single token in which whitespace and other punctuation characters are permitted.

---

**teidata.truthValue** defines the range of attribute values used to express a truth value.

*Module* tei

*Used by*

*Content model* `<content> <dataRef name="boolean"/></content>`

*Declaration* 

```
teidata.truthValue = xsd:boolean
```

*Note* The possible values of this datatype are 1 or true, or 0 or false.

This datatype applies only for cases where uncertainty is inappropriate; if the attribute concerned may have a value other than true or false, e.g. unknown, or inapplicable, it should have the extended version of this datatype: data.xTruthValue.

---

**teidata.versionNumber** defines the range of attribute values used for version numbers.

*Module* tei

*Used by*

*Content model*

```
<content>
  <dataRef name="token"
      restriction="[\d]+[a-z]*[\d]*{\.[\d]+[a-z]*[\d]*}{0,3}"/>
</content>
```

*Declaration* 

```
teidata.versionNumber =
  token { pattern = "[\d]+[a-z]*[\d]*{\.[\d]+[a-z]*[\d]*}{0,3}" }
```
**teidata.word** defines the range of attribute values expressed as a single word or token.

*Module* tei

*Used by* teidata.enumeratedElement:

- `colShift/@ed`

*Content model*

```xml
<content>
<dataRef name="token"
   restriction="(\p{L}|\p{N}|\p{P}|\p{S})+"/>
</content>
```

*Declaration*

```python
teidata.word = token { pattern = "(\p{L}|\p{N}|\p{P}|\p{S})+" }
```

*Note* Attributes using this datatype must contain a single word which contains only letters, digits, punctuation characters, or symbols: thus it cannot include whitespace.

**teidata.xpath** defines attribute values which contain an XPath expression.

*Module* tei

*Used by*

*Content model* `

```xml
<content> <textNode/></content>
```

*Declaration* `teidata.xpath = text`

*Note* Any XPath expression using the syntax defined in XSLT2.

When writing programs that evaluate XPath expressions, programmers should be mindful of the possibility of malicious code injection attacks. For further information about XPath injection attacks, see the article at OWASP.

### C Acknowledgments

The TEI Tite is simply a synthesis of work done at the

- University of Michigan Digital Library Production Service,
- University of Virginia Digital Library Production Service,
- and the California Digital Library

and represented in their documents

- *Minimum standards for text capture*,
- *Text Encoding Guidelines for Keyboarding Vendors*,
- and *CDL TEI Base Encoding Guidelines*.

respectively. Many thanks to the institutions and individuals responsible for sharing their experience and expertise for the benefit of the TEI community at large.

Also, thank you to members of the TEI Special Interest Group on Libraries who provided very valuable corrections and suggestions.